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SERIAL NO. 09/841430 APPLICANT(S)

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FILING DATE

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

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FILING DATE

#### **CLAIMS ONLY**

SERIAL NO. 69/84/430

APPLICANT(S)

CLAIMS

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43	<b>↓</b>	+	-	ļ	1	<b></b>
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. 09/84/430

FILING DATE

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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25		1	<del>                                     </del>	<b>†</b>	<del>                                     </del>	<del> </del> -
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92	<del> </del>	++	+	-	+	+		
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TOTAL CLAIMS								

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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 $^{\star}$  MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



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APPLICANT(S)

CLAIMS

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44	1	<del>                                     </del>	<del>                                     </del>	†	<del>                                     </del>	+
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE
Patent and Trademark Office



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

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#### CLAIMS ONLY

SERIAL NO. FILING DATE

APPLICANT(S)

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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 $^{\star}$  MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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75	ļ	$\vdash \vdash$	J		<del>                                     </del>	<u> </u>
76	ļ	$\bot$			-	ļ
77	<b>-</b>	<b>├</b> - <b>├</b> -		<u> </u>	ļ	<u> </u>
78	<del> </del>	<del>   </del>	<del> </del>	<u> </u>	<del>                                     </del>	-
79	<del>- </del>	-  -	┼	<del> </del>	-	ļ
80	┼	++		+	<del> </del>	<del>                                     </del>
81 [/82				-	<del>                                     </del>	<del> </del>
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	<del>                                     </del>	+	-}	-	<del> </del> .	-
85	-			-	+	
86	_	╁╌╂╌	+		-}	
87	+	+ +	-	<del> </del>	+	<del>                                     </del>
88	+	+ +	<del> </del>	1	1	+
89	<del> </del>	++	<del></del>			<del> </del>
90	<del> </del>	++	+		+	<del> </del>
91	+	+	+	+	+	+
92	1	++-	+	+	+	1
93	+	+ +	<u> </u>	<u> </u>		+
94	†	+ 1			+	1
95	+	+ +		1	1	<del>                                     </del>
96	1	++	1	<del> </del>	1	<b>†</b>
97	<del> </del>	++	<b>†</b>		+	1
98	<del>-  </del>	++	1	<del>                                     </del>	1	1 -
99	1	+ +	1		<b>-</b>	1
1200	1	+ +		1 -	1	1 -
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DEP.	1			· · · · · · · · · · · · · · · · · · ·		
TOTAL CLAIM	<u>s</u>	.9		3 4-	1	- Table 1

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS I	FILED		TER NDMENT	2nd AME	TER NDMENT
	IND.	DEP.	IND.	DEP.	IND.	DEP.
1201		1			1	
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20		$\bot\bot$	1		<u> </u>	
21		111			ļ	
<b>p</b> 22	1	<u> </u>	<b>↓</b>	1	<u> </u>	<u> </u>
23			<b></b>			
24	ļ.,				<u> </u>	
25	1		<u> </u>		ļ	ļ
26	1	$\vdash$	ļ	-		ļ
27	<b>├</b>	++		ļ	<u> </u>	<u> </u>
28	<u> </u>	+	<del>                                     </del>	<u> </u>	<del>                                     </del>	
29	<u> </u>	₩.	- <b>-</b>	- <del> </del>	<del> </del>	-
30	ļ	+ !-	+-	<u> </u>	-	-
31	-	$\vdash$	ļ	-	-	-
32	-	-	+	-	<del> </del>	<del> </del>
33 34	<del> </del>	<del>                                     </del>	-	+	<del></del>	1
35	<del>                                     </del>		<del> </del>	+	<del> </del>	+
36	<u> </u>	++	<del> </del>	+	<b>}</b>	-
37	ļ	╁╁	-	-	<b>+</b>	+
38	-	+	<del> </del>	+	<del> </del>	<u> </u>
39		+ +-	+	+	+	+
40		+	+	<del></del> -	+	-
41	+ -	++-	+	+	+	+
42	+	+++	<b>-</b>	+	<del> </del>	<del>-</del>
43	<del> </del>	+	+	+	+	-
44	<del> </del>	++-	+	-	+	-
45	<del>                                     </del>	+ +-	+-	+	+	+
46	<del> </del>	++	-	+	+	+
47	+	++-	+	<del> </del>	+ -	+
48	+	++-	+	+	1	<del>                                     </del>
49	+	+ +-	+	+	+	+
12 50	+	+ + -	+	+	+	+
TOTAL	+	+ '-	+	+	+	+ -
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TOTAL DEP.	<u>L</u> _				1	
TOTAL CLAIMS						

	#		*	4		
	IND.	DEP.	IND.	DEP.	IND.	DEP.
1251		1				
52		1	ļ	ļ		
53		$\sqcup \!\!\! \perp$	<u> </u>	į		
54		<b>   </b>	<u> </u>	<u> </u>		
55			ļ		ļ	
56		-	ļ	ļ	<b>.</b>	
57		<b>├</b>	<del>                                     </del>	ļ	ļ	
58		<b>   </b>		ļ	<del> </del>	
59		<del>                                     </del>	-	<del>                                     </del>		
60			<del> </del>	-	1	
61		<del>  '</del>	<del> </del>	<del> </del>	<del> </del>	
12 62	,	-	+	<del>                                     </del>	├	
63 64		<del>                                     </del>	+	1	<del> </del>	
65		++-	<del>                                     </del>	<del> </del>	<del> </del>	
66	L	$\vdash$	+	<del>                                     </del>	t	
67	L	$\vdash \vdash$	1	+	<del> </del>	
68		$\vdash$	+	<del> </del>	1	
69	-	<del>    -   -  </del>	†	<del>                                     </del>	<del>                                     </del>	<del> </del>
70		<del>                                     </del>	<del>                                     </del>	<b>†</b>	1	
71			†	1		
72			1	1	1	<u> </u>
73			1	1		
74				1		
75					1	
76						Ī
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80			<u> </u>		Ţ	
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87		<b>↓</b>	<b>_</b>		<u> </u>	-
88	<del>                                     </del>	++	+	<del>                                     </del>	+	<del> </del>
89	-	++	-	+		<del>                                     </del>
90	<del>                                     </del>	+-	+	+	+	<del> </del>
91 92	-	++	+	+-	<del>                                     </del>	<del> </del>
93	<u> </u>	+	+	<del></del>	<u></u>	<del> </del>
94		++	<del> </del>	+	+	+ -
95	<del> </del>	++	+	<del>                                     </del>	+	+
96		+ +-	+	+	+	+
97	<del> </del>	+1	+	-	+	<del>                                     </del>
98	<del> </del>	+-	+		+	+
1299	<del> </del>	++-	+	+		
1300	<del>                                     </del>	+ +-	1	-	1	<del>                                     </del>
TOTAL	<del>                                     </del>	+	+	1 -	+	1 _
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DEP.						<del>-</del>
TOTAL CLAIMS				å		

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM **PTO-2022** (1-98)



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SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS	FILED	1st AME	TER NDMENT	2nd AME	TER NDMENT
	IND.	DEP.	IND. DEP.	IND. DEP.		
1301	1					
2	•	<b>—</b>				
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23				I		
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25			<u> </u>			
26				<u> </u>	L	
27			<u> </u>		L	<u> </u>
28				1		<u> </u>
29		<u> </u>	l		<u> </u>	
30						
31					ļ	ļ
32				<u> </u>	ļ	
33				<u> </u>	<u> </u>	
34			<u> </u>	1	<u> </u>	<u> </u>
35		$\bot \bot$	<u> </u>	ļ		
36		$\perp \perp$		1		
37			<u> </u>			
38			ļ		<del> </del>	<del> </del>
39		$\bot \bot$	<b> </b>	1	1	+-
40			<u> </u>	ļ	ļ	1
41		<b>↓ ↓</b>	1	ļ	1	+
42		$\bot \bot$	<del> </del>		1	1
43		11_	ــــــ	ļ		1
13 44	1	1	<del>  </del>	ļ	4	1
45		1-1-		ļ	1	1
46		$\bot \bot$	<del> </del>		4	
47	ļ	$\bot$	—	<del> </del>	1	
48	ļ	$\bot \bot$	ļ. —	1	<del></del>	
49		$\bot \bot$	<u> </u>	ļ	1	<b>_</b>
13 50	<u> </u>		1		$\bot$	1
TOTAL IND.		ل ل		ل_ ل	1	Л
TOTAL DEP.		ď		<b>-</b>		
TOTAL CLAIMS	-		<del></del>	, Ac		

	☆		<del>ть —</del>	Δ   Δ			
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	IND.	DEP.	IND.	DEP.	IND.	DEP.	
<b>1351</b>	<b>└</b>	$\perp \downarrow$	<b></b>	<u> </u>	ļ	ļ	
52	<del> </del>	+	—	<del> </del>	<u> </u>		
53 54	├──	++	<del> </del>	<del>                                     </del>	<del>                                     </del>	<b></b> -	
54	<del> </del>	┼-┼-	<b>├</b>	<del> </del>	<del> </del>	<b></b>	
55 56	<del> </del>	₩-	┼──	<del> </del>	<del> </del>	<b></b>	
56 57	<del> </del>	+-	+	<del> </del>	<del> </del>	<b> </b>	
58	<del>                                     </del>	++-	<del> </del>	<del>                                     </del>	<del>                                     </del>		
59	<del>                                     </del>	++-	+	<del>                                     </del>	<del> </del>		
60	<u> </u>	+	†		<del>                                     </del>		
61	$\vdash$		† <u> </u>				
62							
63				Ι			
64	<u> </u>	II.	1	<u> </u>	<u> </u>		
65	<del> </del>	+	<del> </del>	<u> </u>	↓	<b></b>	
66		++	<del> </del>	<del> </del>	<del> </del>	ļ	
67		++	<b>_</b>	<del> </del>	<del> </del>	ļ	
68 69	├	++	+	<del> </del>	├──	<del> </del>	
70	+	++	+	<del> </del>	├─	<del> </del>	
71	$\vdash$	++-	+	+	+	+	
72	+	+	+	<del> </del>	$\vdash$	<del> </del>	
73	<del>                                     </del>	<del>    _</del>	<del>                                     </del>	+	<del>  _</del>		
74	<del>                                     </del>	++_	+	<del>+-</del> -	<del>  _</del>	<u> </u>	
75	<u> </u>	+_	<del> </del>	+	<u> </u>	<u> </u>	
76		1	1	<b>T</b>		<u> </u>	
77	<u>†                                    </u>		1	<u></u>			
78			<u> </u>	$\Box$	<u> </u>	$\Box$	
79	<u> </u>	14		1	<u> </u>	]	
80	1	11		1	1		
13 81	1	<del> </del>	<del> </del>	$+\!-\!\!-$	<del>                                     </del>	<del> </del>	
82 83	—	++	+	+	<del></del>	<del>                                     </del>	
83	<del> </del>	++	+	+	<del> </del>	<del> </del>	
85	+	++-	+-	+	+-	<del> </del>	
86	+	++-	+-	+-	+	<del> </del>	
87	+	++	1	+	+	1	
88	<b>†</b>		<b>T</b>	T	<b>†</b>	1	
89	<b>†</b>	1	1		1	†	
90					$\Box$		
91		II	]		<u> </u>	<u> </u>	
92		1					
93	—	+-	<del> </del>	4	<b></b>	<del> </del>	
94	<del> </del>	++		<del></del>	-	<u> </u>	
95 96	<del> </del>	++	<b></b>	+	<b>∔</b> -	+	
96	+	++	—	+	+-	+	
98	+	++	+-	+	+-	+	
13 99	+	++-	+	+	+	+	
1400	+	++	+	+	+	+	
TOTAL	+-	+-	+-	+-	+	+	
IND.		ہے اـ	<u> </u>		<u> </u>	7 &	
DEP.					↓		
TOTAL	<u>s</u>					2 3	

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS I	FILED		TER NDMENT		TER NDMENT	
	IND.	DEP.	IND.	DEP.	IND. DEP.		
K01			1				
2			1		i		
3	<u> </u>						
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5	<b>†</b>		<del>                                     </del>	<u> </u>	<del>                                     </del>	<b>†</b>	
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7	<b>!</b>	┼-┼	<b> </b>	<u> </u>		<del> </del>	
8	-	<del>     </del>				<del>                                     </del>	
9	-	┼-╂	<del> </del>				
10			<del>                                     </del>				
11		8	<u> </u>		-	<del>                                     </del>	
		<del>├                                    </del>	<u> </u>		<del> </del>	<del>                                     </del>	
12	<b> </b>	<del></del>	<b> </b>		<u> </u>	<del> </del>	
13		$\vdash$	ļ	-			
14	ļ <u>.</u> ———	$oldsymbol{oldsymbol{\sqcup}}$	<del> </del>		<del> </del>	<del> </del>	
15		$\vdash$	ļ		<b>ļ</b>	ļ	
16	ļ	<u> </u>	ļ		ļ	ļ	
1417					<u> </u>	ļ	
18		1_		ļ	ļ —		
19		<u> </u>	<u> </u>	1			
20					<u> </u>		
21	<u> </u>	1_1_			ļ		
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26						1	
27					1		
28				Ì		1	
29				1	1		
30	•		1	İ			
31	<del>                                     </del>		1		1		
32	<b>†</b>		1	<del>                                     </del>		<del>                                     </del>	
33	1	1	<del> </del>	<del>                                     </del>	-	1	
34	<del>                                     </del>	<del>                                     </del>	1	<del>                                     </del>	1	+	
35		++-	+	<del>                                     </del>	<del>1</del>	+	
36	<del>                                     </del>	+ +-	+	<del> </del>	+	+	
37	<del>                                     </del>	+	1	+	+	+	
38	<del> </del>	++	<del> </del> -	-	+		
39	<del>                                     </del>	╁╾╂	<del> </del>	+	<del> </del>	+	
	<del> </del>	<del>      -</del>	+	<del>                                     </del>	<del></del>	+	
40	<u> </u>	+!-	+	+	+	+	
41	₩	<del>                                     </del>	+	<del> </del>	+	<del> </del>	
42	<del> </del>	+	<del>                                     </del>	-	1	<del> </del>	
43	ļ	+	<del> </del>	ļ	<del> </del>	—	
44		<b>↓ ↓</b>	↓	ļ	<del> </del>		
45		$\perp \perp$	<u> </u>		<u> </u>		
46			<u> </u>	<u> </u>			
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TOTAL	1	п		п	1	П	
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TOTAL CLAIMS		17					

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	IND.	DEP.	IND.	DEP.	IND.	DEP.
1451		1				
52		1		<u> </u>		
53		1		†	<del>                                     </del>	
54		1				
片55	-			<del> </del>		
56		1				
57				<u> </u>		
58		1-1	l			
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69	ļ		ļ	<b>_</b>		ļ
70	ļ		ļ	<u> </u>	ļ	
71		$\vdash$	<b> </b>	ļ	<b>├</b>	
72		<del>                                     </del>		ļ	<b>├</b>	
73		$\perp \perp$		ļ	<b></b>	
74	ļ	<del>  </del>			<u> </u>	
75	<u> </u>	<del>-   -</del>	<b>├</b>	1	<b>├</b>	<u> </u>
76	ļ	$\vdash$	<b> </b>	ļ.——	<b>├</b>	
77	ļ	$\vdash$	-	<del> </del>	<del>                                     </del>	ļ
78	<b></b>	++	<del> </del>	<b></b>	<u> </u>	<del> </del>
79 80	<del> </del>	1-1-	<del> </del>	<u> </u>	<del> </del>	<del> </del>
81	-	-	├	+	+	
82		┼├-	<del> </del>	-	<del> </del>	ļ
83	<del>                                     </del>	+-	<b>-</b>	+	+	<u> </u>
84	1	+	<del>                                     </del>	+	<del>                                     </del>	
85	<del> </del>	++-	1	+	<del> </del>	<del>                                     </del>
86	<del> </del>		1		<del> </del>	
87	<del>                                     </del>	<del>                                     </del>	<del> </del>	+		<u> </u>
88	<u> </u>		1	+	†	† <del></del>
89	<b>†</b>	+ +	†	1	<b>†</b>	
90		++		1	1	
91	<del>                                     </del>	<del>† '</del> i	1			
92			1			
93		1 1				
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95	T .	T   -				
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97			Ι			
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TOTAL IND.		п		п		п
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TOTAL	<u></u>		1			

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
	IND. DEP.		IND. DEP.		IND. DEP.	
<b>5701</b>		1				
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25			<u> </u>	<u> </u>	<u> </u>	
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27						L .
28			<u> </u>		<u> </u>	
29	l				<u> </u>	<u> </u>
30			1			
31			<u> </u>	<u> </u>		
32		1		<u> </u>	<u> </u>	<u> </u>
15 33	1					
34			1		L	
35	L		ļ	ļ <u>.</u>	<u> </u>	
36	ļ		<b>↓</b>	<u> </u>	<u> </u>	1
37		$\bot \bot$	<u> </u>	<b></b>	<b></b>	
38	L	$\bot$	<u> </u>			-
39	ļ	$\bot$	<b>_</b>	<u> </u>		
40	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	4
41		<del>     </del>	<b></b>	<del> </del>	<del>  </del>	
42		<del>     </del>	<b>_</b>	<b></b>	1	<u> </u>
43	<u> </u>	$\bot \bot$	1	<b></b>	<b>-</b>	1
44	<u> </u>	$\bot \bot$	ļ	<del> </del>	1	<u> </u>
45		$\bot \bot$	1	<del> </del>		<u> </u>
46	ļ	1	1	$\downarrow$	<b></b>	ļ
47		1	<b>_</b>			$\downarrow$
48	Ļ	11		ļ	$\bot$	4
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58 59	<del> </del>	++-	+		<del> </del>	<del> </del>	
60	<del> </del>	++-	+-	+	<del> </del>	<del> </del>	
61	<b></b>	+ -	+	+	+	<del>                                     </del>	
62	<del> </del>	++-	+	+	<del> </del>		
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64	<del></del>	++	+	+	+	+	
65		++	+	+ -	+	+	
66		++	+	+	+	+	
67		++-	+	+	+	+	
68		++-	+	+	1	†	
69	<b></b>	++-	+	+	†		
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74			<b>†</b>	$\top$	$\dagger$	$\top$	
75		$\top$	†	†	$\dagger$	<u> </u>	
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80		ŢŢ	<u></u>		<u> </u>	<u> </u>	
81		$\Box \bot$	$oldsymbol{ol}}}}}}}}}}}}}$	<u> </u>	<u> </u>	$\Box$	
82		$\bot$	1	<u> </u>	<u> </u>	<u> </u>	
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88	<b></b>	4+	$\bot$	$\bot$			
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91	<u> </u>	44	$\bot$		<del> </del>	<del> </del>	
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94	<b>↓</b>	++	<del> </del>		<del></del>	<del> </del>	
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TOTAL CLAIMS	.†	T		1	+		
CLAIM			15		-1		

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

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SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS I	FILED	AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
	IND. DEP.		IND. DEP.		IND. DEP.	
<b> 60</b> 1		1				<u> </u>
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57		<del>                                     </del>	<del> </del>	<del> </del>	ļ	—
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59	<u></u>	++	—	<b></b>	<b></b>	<del> </del>
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62	<u> </u>	+	┿	-	<del> </del>	<del>├</del> —
63	<b></b>	+	<del> </del>	┼──	+	<del> </del>
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65	<b></b>	++		┼	+	<del> </del>
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67 68	ļ	++	+	+	+	<del> </del>
68 69		++-	+	+	1	+
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70 71	-	+ +	+	+	+	+
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82	<del>                                     </del>	++-	+	+	+	+-
83	<del>                                     </del>	++-	+-	+	+	+
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85	+	++	+-	+-	+	+-
1686	1	+	+	+	+	+
87	<del>  '</del>	+-	+	+	1 -	+
88	+	++-	+-	+	+	+
89	<del>                                     </del>	+	+	+-	+	+
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91	<del>                                     </del>	++-	+	+	+	+
92	+	++	+	+-	+	+
93	<del>                                     </del>	11	+	<del> </del>	+	+
94	+	++	+	+-	+	+-
95	+	++-	+	+	+	+-
96	+	++	+	+	1	+
97	+	++	+	+	+	+
98	+-	11	+	+	1 -	+
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TOTAL DEP.			<u> </u>	<del>-</del>	1	<del></del>
TOTAL CLAIMS						7

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	ASI	FILED	AF 1st AME	TER NDMENT	AFTER 2nd AMENDMENT	
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22			1			
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25						1
26	1					<del>                                     </del>
1927	1	1	1	1	1	
28	<u> </u>	1			1	
29		<del>    -</del>		1	1	<u> </u>
30		1 1			<u> </u>	
31	i	<del>                                     </del>	<b>†</b>	†	†	<del>                                     </del>
32		1	†	<del>                                     </del>	<del>                                     </del>	<b>†</b>
33	<b>-</b>	1-1-	<del> </del>	<del> </del>	<del> </del>	$\overline{}$
34	<del> </del>		<del> </del>		<b>†</b>	
35	<del> </del>	+ +	+		†	
36	<del>                                     </del>	+	<del>†                                      </del>	1	+	1
37	<del>                                     </del>	++	<del> </del>	<b>—</b>	<del> </del>	<del></del>
38	<del>                                     </del>	+ + -	+	+	1	
39	<del> </del>	++	1	<del> </del>		† <del>-</del>
40	-	+ <b>†</b>		+	+	+
41		++			1	
42	<del>                                     </del>	<del>  - </del>	┪	-	+	
43	<del>                                     </del>	+ +	+		1	1
44	$\vdash$	++	+	+	+	+
45	<del> </del>	<del>- - </del> -	+	+	<del> </del>	+
46	<del>                                     </del>	+ +-	+	+	+	+
47	<del>                                     </del>	+ +-	+		+	+
48	┼	+	+	+-		
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49	┼	++	-		+	+
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61		1	İ	1	<b></b>	
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65			<del> </del>	<u> </u>	<u>†</u>	<del> </del>
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67	<del>'</del>	<del>                                     </del>				<b>.</b>
68		┼╌╂─	-	1		<del> </del>
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69	ļ	+	┼	<del> </del>	<del> </del>	<del> </del>
70		<del>                                     </del>		+	<del> </del>	
71		+		<del></del>		<del> </del>
72		$\vdash$	<b>_</b>		ļ	-
73		<del>  </del>		1	ļ	ļ
74		+	ļ		1	ļ
75		1-1-	<b>_</b>	ļ	ļ	<u> </u>
76	ļ	<b>↓ ↓</b>			<b>!</b>	ļ
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78			<u> </u>	<u> </u>	<u> </u>	ļ
79						<u>l</u> .
80						I
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87	<b>1</b>	11	1		1	<u> </u>
88	<b>!</b>	++	1	<b>†</b>	<del>                                     </del>	+
89	<del>†          </del>	11	+	<del></del>	+	1
90	t	++	<u> </u>		<del> </del>	<u> </u>
91	<del> </del>	+ +			+	+
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93		++	+	<del></del>	<b>+</b>	+
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95	<b></b>	++	<del></del>			
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98	<u> </u>	$\perp \perp$				1
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TOTAL	1	*	1		1	

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS I	FILED		TER NDMENT	2nd AME	TER NDMENT	1
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9		<b>├</b>	ļ	ļ	ļ		4
10		<del>                                     </del>	1	ļ		ļ	┨
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12		<del>├-</del> ┠─	-			<u> </u>	4
13		<del>                                     </del>	₩	<u> </u>	<del>                                     </del>	<del> </del>	4
14		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	4
15		<del>│                                    </del>	<del> </del>	-	<del> </del>	<del> </del>	┨
16		┼-╂	<del>                                     </del>	<del>                                     </del>		+	┨
17 18		<del>                                     </del>	<del> </del>	<del>                                     </del>	-	<del> </del>	┨
19		+	1	-	<del> </del>		1
20		<del>                                     </del>	<del> </del>	<del> </del>	<u> </u>	<u> </u>	┨
21		+	+	<del>                                     </del>	<del>                                     </del>	+	┨
22		+	<del> </del>	1	1	<del> </del>	┨
23		+-+	+			<del> </del>	┨
24		+	<del>                                     </del>	+	<del> </del>	<del> </del>	┨
25	<del></del>	+ +	<del>                                     </del>	<del> </del>	t	+	┨
26	<u> </u>	++-	<del> </del>	1	<del> </del>		┪
27	<del> </del>	+ + -	<del> </del>	<del> </del>		<u> </u>	┪
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29	<del> </del>			<del> </del>	<b>†</b>	<del>                                     </del>	٦
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62		$\vdash$	+	-	+	<del> </del>
63	<b>-</b>	<del>                                     </del>	+	+	┼	+
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65	<del> </del>	<del>                                     </del>	+	+	+	+
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67	<del> </del>	<del>                                     </del>	+	-	<del> </del>	+
68			+	†	1	<del>                                     </del>
69	<del>                                     </del>	$\Box$	<del>                                     </del>	<b>†</b>	† <u> </u>	1
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87		+-	+	+	+	+
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FORM PTO-2022 (1-98)

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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33						<u> </u>
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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41		<del>                                     </del>	+	+ -	+	+	_
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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28	<u> </u>	$\vdash$	ļ	ļ	1	<b>↓</b>	4
29	<del> </del>	$\vdash$	1	ļ	ļ	<u> </u>	4
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93	<del> </del>	++	+	1	+	<b> </b>
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95	+	<del>                                     </del>		+	-	<del> </del>
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

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34	<u> </u>	<del>                                     </del>	<del> </del>		<del>                                     </del>	<del> </del>
35		<del>    -</del>	+	<b> </b>	+	+
36		$\vdash$	+	<del> </del>	<del> </del>	+
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38		<del>                                     </del>	+	<u> </u>	<del> </del>	+
		+	<del> </del>	<del> </del>	+	1
39	<del>                                     </del>	<del>                                     </del>	+	<del>                                     </del>	<del> </del>	<del> </del>
40	· ·	<del>                                     </del>	+	-	-	-
41	<del>                                     </del>	$\vdash$	+		┼	
42	<u> </u>	$\vdash$	<del> </del>	<del> </del>		ļ
43	<u> </u>	$\sqcup \bot$			1	1
44	L	+	ļ	L	<del>                                     </del>	<del>                                     </del>
45	<u> </u>		1		<b> </b>	<del> </del>
46	<b>!</b>	$\sqcup 1$	ļ		<b>_</b>	<u> </u>
47		<u> </u>			<u> </u>	ļ
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49		1_1				
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DEP.	ļ	<del>,</del>	<u> </u>		<b></b>	<del>_</del>
TOTAL CLAIMS	L		11			

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52		$\Box \bot$				-
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54	<del></del>		<u> </u>			
55			<u> </u>			
56		<u> </u>	<u> </u>	<u> </u>		
57		<b>↓</b>	<u> </u>	<b> </b>		
58		$\sqcup \!\!\!\! \perp$	↓	ļ		
59	<del></del>	—	<b></b>	ļ		
60		$\vdash$	—	<u> </u>		
61		₩.	—	<del> </del>	<b> </b>	
62		igspace	—	<u> </u>	ļ!	<u> </u>
63	<del></del>	igspace	<del>                                     </del>	↓	<b></b>	ļ
64		<b>┼-┼</b> -	↓	<del>                                     </del>	<u> </u>	ļ
65	ļ. — —	++	<del>                                     </del>	—	<b></b>	ļ
66		╀	╀	<del> </del>	<b>_</b>	<b> </b>
67		+	—	—	<b> </b>	
68	ļ	┼╂	<b>↓</b>	<del> </del>	<u> </u>	<b>—</b>
69		+	<del> </del>	<del> </del>	<del> </del>	ļ
70	-	+	+	<del>                                     </del>	<del>                                     </del>	
71	<del></del>	+	+	+	<del>├</del> ──	<del> </del>
72		┼-╂	+	<del> </del>	<del> </del>	<del> </del>
73		╁┷╂┷	<del> </del>	<del> </del>	┼──	
74		╀	╀		┼	
75		+	+-	<del> </del>	<del> </del>	<del> </del>
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79	<del></del>	++-	+	<del> </del>	┼	-
80	ļ	┼╢┈	+	<del> </del>	<del> </del>	<del>                                     </del>
81	<b> </b>	+	+	+	+	<del>                                     </del>
82		┼┼┼	+	+	+	<del>                                     </del>
83	<del> </del>	+	+	+	+	<del>                                     </del>
84	<b></b>	+	+-	+	<del> </del>	┼──
85		+-1-	+	+	<del> </del>	
2386	1	+-	+	+	<del> </del>	<del> </del>
87		+ +	+	+	+	1
88	<del>                                     </del>	++	+	+	<del>                                     </del>	<del> </del>
89	-	+++	+	+	+	+
90	<del>                                     </del>	++	+ -	+	1	
91	<del>                                     </del>	++	+	+	+	+
92	†	++	†	<del>                                     </del>	+	<b></b> -
93	<del> </del>	++	+	1	1	+-
94	†	+	+	+	<del> </del>	+
95	<del>                                     </del>	+-+-	+	+	+	$\dagger$
96	<b>!</b>	++	+	+	1	+
97	<del>                                     </del>	1 1	+	+	+	<b>†</b>
98	<del> </del>	+ †	+	<del>                                     </del>	<del>                                     </del>	$\dagger$
2399	<del>                                     </del>	+	+	+	<del>                                     </del>	+
2400	<del> </del>	+++	+	+	+	+
TOTAL	<del>                                     </del>	+	+	+	+	+
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DEP. TOTAL CLAIMS				<del></del>	<del></del>	<del></del>

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

CLAIMS

APPLICANT(S)

	AS F	ILED	1st AME	TER NDMENT		TER NDMENT	I
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6	<b></b>	<del>                                     </del>	<del> </del>			<u> </u>	i
7	<del> </del>			<u> </u>		İ	┨
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9	<del>                                     </del>	<del>                                     </del>				1	┨
10	<del> </del>		<del> </del>	<del> </del> -		<del> </del>	ł
11	<u> </u>	<del>                                     </del>		<del>                                     </del>		<u> </u>	1
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13	-	$\vdash$	<u> </u>	-	-	-	4
14	-	<del>                                     </del>	<del> </del>		-	-	┨
15	<del> </del>		ļ		<del> </del>	<del>                                     </del>	4
16		<del>-  </del> -	<del>                                     </del>		<del> </del>	<del>                                     </del>	4
17	<b></b> -	<del>                                     </del>	<b> </b>		ļ	<del>                                     </del>	4
18	<del> </del>	<del>├</del> ─┤	<b>.</b>	-	<del> </del>	-	4
19	-	$\vdash$	-		ļ	-	4
20	<del> </del>	$\vdash$	<del> </del>	-	<b></b>		4
21	ļ	$\vdash\vdash$	<del> </del>		<del> </del>	ļ	4
22	ļ	$\vdash$ $\vdash$	<del> </del>		<u> </u>	ļ	4
23		<del>                                     </del>	<b> </b>		<u> </u>	<u> </u>	-
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25	<del> </del>	<b>├</b>	ļ		<u> </u>	-	4
26	ļ	$\sqcup \bot$	↓			1	4
27	<u> </u>	1-1-					4
28	ļ	-	ļ		<u> </u>	ļ	_
29	ļ	<del>                                     </del>	ļ			1	_
30		$oxed{oldsymbol{eta}}$	Ļ	ļ	ļ	<u> </u>	_
31	ļ	<del>                                     </del>	ļ <u>.</u>	ļ	<u> </u>	<u> </u>	
32	ļ	$\sqcup \bot$	ļ	ļ	ļ		_
33	ļ	igspace	<u> </u>	ļ	<u> </u>	<u> </u>	
34		<b>↓ ↓</b>	ļ	<u> </u>	ļ	ļ	
35	ļ	1-1-		ļ	ļ	ļ ·	
36	ļ		<u> </u>	<u> </u>		<u> </u>	
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38		$\perp \perp$	<u> </u>	ļ	<b>ļ</b>	1	_
39	1	$\bot$	<u> </u>	<b>1</b>	1	<b>_</b>	
40	· .	$oldsymbol{ol}}}}}}}}}}}}}}}}}$	1	ļ	<u> </u>	1	_
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47			1		1		_
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49			1	1	1	1	_
50	1	<del>                                     </del>	†	1	1	1	_
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TOTAL CLAIMS							7

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54			<u> </u>		<u> </u>	ļ
55		oxdot	1	<b>↓</b>		
56	L		<del> </del>	↓		L
57	<u> </u>	$\sqcup \!\!\! \perp$	<u> </u>	<b></b>		ļ
58	<b> </b>	$\vdash \vdash$	1	<del>                                     </del>	ļ	ļ
59	<b></b>	- -	ļ	<del> </del>		ļ
60		<del></del>	<del>-</del>	ļ	<b>├</b>	
61	,	<del>                                     </del>	1	1	<b> </b>	
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63 64	<del> </del> -	┼ ╏	<del>                                     </del>	<del> </del>	<del> </del>	-
65	<del> </del>	+ +	+	+	<del>                                     </del>	1
66	<del> </del>	$\vdash$	+	+	ļ	
67	<del> </del>	<del>                                     </del>	1	1	<del>                                     </del>	
68	<b>.</b>		+		<b>†</b>	
69	<b>†</b>		†	†	†	1
70			1	1	† · · · ·	t
71			1	1	1	†
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73	1			1		
74			Ĺ			
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79	<b>_</b>	<b>↓ ↓</b>	1	<del> </del>	1	ļ
80	<u> </u>	$oxed{oxed}$	<b></b> _	<del> </del>		<u> </u>
81	<u> </u>	1-1-		1	<b></b>	
82	ļ	<del>                                     </del>	1	<del>                                     </del>	<b>-</b>	
83	<del>                                     </del>	++			+	<del> </del>
84	<del> </del>	++	-	1-	<del> </del>	-
85	<del>                                     </del>	++			<del> </del>	-
86 87		++			+	<del> </del>
88	+	++	+	+	+-	<del> </del>
89	-	+	+	+	+	-
90	1	+ +	+		$\dagger$	+
91	<del>                                     </del>	+	+	+		+
92	$t^{}$	++	+	+	+	†
93	1		+	1	$\top$	1 .
94	†	† †	1	1	1	1
95	1	1 1		1	1	
96	T	11	1		1	
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CLAIMS	<u> </u>	1				

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS	FILED		TER NDMENT	AFT 2nd AME	
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7			}			
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10				J	<u> </u>	
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13			<u> </u>	<u> </u>	<u></u>	
14		1 1_			<u> </u>	
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16			ļ		1	
17					ļ	
18		oxdot	<u> </u>		<u> </u>	<u> </u>
19			<u> </u>	<u> </u>	<u> </u>	
20		$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	<u> </u>			
21	<u> </u>	igspace	ļ			
22	<u> </u>	$oldsymbol{oldsymbol{oldsymbol{eta}}}$	ļ	ļ		
23		$\vdash$			ļ	<u> </u>
24		<del>                                     </del>	<b></b>	<u> </u>	ļ	
25		$\perp \perp$	↓	<u> </u>	<u> </u>	
26		$\vdash$	┿	-	<u> </u>	ļ
27				<del> </del>	<b>ļ</b>	
28		1	+		<b>├</b>	-
29		+	_	<del>+</del>	<del> </del>	<b>.</b>
30	-	++	+	-	-	-
31 32		++		<del> </del>	<del> </del>	
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33 34	<b></b> -	+	+	-	1	-
	<del>                                     </del>	++		+	<del> </del>	-
35 36		++	+	+	<del> </del>	ļ
37	<del> </del>	<del>                                     </del>	+	<del></del>	<b>.</b>	
38	├	+	<del> </del>			<b></b>
39		<del>                                     </del>	+	-	<del>                                     </del>	
40	1	++-	+	-	+	<del>                                     </del>
41	<del>                                     </del>	++	+	<del> </del>	<del> </del>	├
2542	,	1 -	<del> </del>	+	1	1
43	1	+ -	+	+	<del> </del>	<del> </del>
44	<del> </del>	+	+	+	<del> </del>	<del> </del>
45	<b>-</b>	++	<del> </del>		+	-
46	<del>                                     </del>	+-+-	+	1	+	<del>                                     </del>
47	<del>                                     </del>	++-	<del> </del>	+	+	$\vdash$
48	<del> </del>	++	+	+	+	-
49	<b></b>	+ +	+	<b>+</b>	+	+
50	$\vdash$	++	+	+	+	+-
TOTAL	<del>                                     </del>	+	+	+ -	+	<del> </del>
IND.	ļ	] <sub>©</sub>		] 🚭		] <sup>©</sup> ı
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TOTAL CLAIMS						A

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	IND.	DEP.	IND.	DEP.	IND.	DEP.
51		Ŷ.	+	+		<del>                                     </del>
52		<del>     </del>	†	<del>                                     </del>		<del>                                     </del>
53					<del>                                     </del>	<del> </del>
54			1			<del>                                     </del>
55				<u> </u>	<u> </u>	<u> </u>
56			† <u>-</u>	<u> </u>		<u> </u>
57				<b>†</b>		<u> </u>
58				<u> </u>		
59	$\Gamma$		<b>†</b>	T	•	
60						
61				1		
62				<b>†</b>		<u> </u>
63				1		
64						Τ
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69						
70			$\Box$			
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72			<u> </u>	T		Ι
73			$\Gamma_{}$	<u> </u>	<u> </u>	Ι
74			T	Τ	<u> </u>	Τ
75	Γ					
76		$\Box$		<u> </u>	<u> </u>	<u> </u>
77		$\coprod$	<u> </u>	<u> </u>	<u> </u>	<u> </u>
78	<u> </u>	Щ	<u></u>	<u> </u>	<u> </u>	<u> </u>
79	<u> </u>	IЦ		]	<u> </u>	<u> </u>
80	<u> </u>				<u> </u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}$
2581	1	<u> </u>		1	<u> </u>	<u> </u>
82	<u> </u>	$\downarrow \downarrow$			<u> </u>	
83	<u> </u>	++		<u> </u>	<b>↓</b>	<del> </del>
84	<del> </del>	$\bot \bot$	$\bot$		<u> </u>	<del> </del>
85	<b></b>	++	4	↓	↓	
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87	L	++-		4	<del> </del>	<b>↓</b>
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89	<del> </del>	++-	<del>                                     </del>		<del>                                     </del>	<del></del>
90	↓	++	┼	Д	$+\!\!-\!\!\!-$	<del>-</del>
91	<b> </b>	++	<del></del>	+	↓	-
92	<u> </u>	44	<del> </del>	<del> </del>	$\bot$	4
93	↓	++		+	<del> </del>	<del>- </del>
94	<u> </u>	4	4	+	<del> </del>	
95	<u> </u>	++-	<del> </del>		↓	<del> </del>
96	<b>↓</b>	++-	Ψ—		+	-
97	——	++-	┿	-	—	+
98	<b></b>	$+\!\!+\!\!\!-$	<del> </del>		┼	-
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CLAIMS					1	

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	ASF	ILED		TER NDMENT		TER NDMENT
	IND.	DEP.	IND.	DEP.	IND.	DEP.
2601		1				
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16			1			
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2619	1			1	1	
20		1				
21						
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23				1		
24	1			1	1	
25					1	
26						
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28	[					
29			1			
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36						
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38				1	<u> </u>	
39					1	
40						
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42	1				<u> </u>	1 -
43					1	1
44			1	↓	1	1
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46			1		1	
47			1	1		
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TOTAL IND.		п		п		П
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TOTAL CLAIMS		1	1	1	3	

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59		_1_				
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62		<u> </u>				
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64			1	<u> </u>		
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67	<u> </u>	$oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}}}}}}}}}}}}}}}}}}$			ļ	
68			<u> </u>	ļ	<u> </u>	
69		$oldsymbol{oldsymbol{oldsymbol{eta}}}$	<u> </u>	<b></b>	ļ	ļ
70		$oxed{oxed}$	<u> </u>	<u> </u>	<u> </u>	
71	ļ <u> </u>	$oldsymbol{oldsymbol{oldsymbol{eta}}}$		ļ	ļ	ļ
72		$\bot$			<b>↓</b>	ļ
73			<u> </u>		<u> </u>	ļ
74				<u> </u>		
75	ļ	$\perp \perp$	<u> </u>	<b></b>	ļ	ļi
76	<u> </u>	1-1-			ļ .	ļ
77	<u> </u>	<b>↓</b> ↓ ↓	1		ļ	
78		<del></del>		1		<b></b>
79	<u> </u>	<b>↓</b>	<b>-</b>	1	1	
80	ļ	$\bot \bot$	+	-	<b>_</b>	<b></b>
81	ļ	┼-┼-	+		<del> </del>	<del>                                     </del>
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84	<u> </u>	1-1-			+	1
85	ļ	+		-	+	<u> </u>
86 87	<u> </u>	+ +	<del>                                     </del>	+		<u> </u>
88	<u> </u>	+	<del>   </del>	╁	<del> </del>	<del> </del>
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91	<del> </del>	╂	+	+	+	+
92	<del> </del>	+-		+	+	+
93	<del> </del>	+ +	+	<del>                                     </del>	· · · · · · ·	+
94	<del> </del>	+	+	+	1	+
95	<del> </del>	+		+	-	+
96	╁	+ +	1 -		+	+
97	1-	+	+		<del>                                     </del>	+
98	1	++	+	+	<del> </del>	+
2699	†	+	+		_	+
2700	1	+		+	+	+
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TOTAL DEP.						
TOTAL CLAIMS						1

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

(28)

# SERIAL NO. FILING DATE CLAIMS CLAIMS CLAIMS CLAIMS AS FILED AFTER 1st AMENDMENT 2nd AMENDMENT 1 ind. DEP. IND.

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	ASI	FILED	1st AME	TER NDMENT	2nd AME	TER INDMENT	ı
	IND.	DEP.	IND.	DEP.	IND.	DEP.	1
2901		1					1
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7			<u> </u>				1
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30		$\vdash \vdash$	<del></del>	<b></b>	<b></b>	<del> </del>	4
31	-	<del>     </del> -				<del> </del>	4
32			-	<u> </u>	<del>-</del>	<del>                                       </del>	4
33 34	1	+	<b>-</b>	-	-	+	$\dashv$
35	<del> </del>	+		<del> </del>	<del> </del> -		4
36	ļ——	++-	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	4
37	<del>                                     </del>	<del>   -</del>	+	<del> </del>	╂	+	4
38		++	+	<del> </del>	<del> </del>	+	4
39	<del>                                     </del>	+	+	<del>                                     </del>		+	۲
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43		++	<del> </del>	<b>†</b>	†	1	7
44	<u> </u>	++-	1	+	<del>                                     </del>	1	-
45		++	<del> </del>	+	1	<del> </del>	-
46	<del>                                     </del>	++	1	<b>†</b>	<del>                                     </del>	+	_
47		++	1	+	1	+	_
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95	+	++-	+-	+	+	+
96	+	++-	+	+	+	+
97	+	+		+	+	+
98	+	+	+		+	+
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TOTAL CLAIMS			141			

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

(30)

#### **CLAIMS ONLY**

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	ASI	FILED		TER NDMENT		TER NDMENT
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40	<u> </u>	<del>                                     </del>		-	<b>↓</b>	<del> </del>
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43	<del> </del>	1—	<del>                                     </del>	1	+	+
2944	<del>                                     </del>	<b>+</b>	<del> </del>	-	<b>_</b>	<del> </del>
45	-	+	<del> </del>	-	<del> </del>	
46	<del> </del>	+	<del> </del>	1	<del> </del>	-
47	<del> </del>	1	+	<del> </del>	<del></del>	
48	-	++	1	+	1	
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72	<u> </u>	+	ļ			
73	<u> </u>	++	<b></b>	<del> </del>	ļ	
74	<b>_</b>	1-1-	<del>                                     </del>			
75	<u> </u>	+	-	-		
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86 87	<b>-</b>	++-	- <del> </del>	<del> </del>	1	<del>                                     </del>
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93	+	++	+	<del> </del>	+	<del> </del>
94	+	+	+		<del> </del>	<del> </del>
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98	<del>                                     </del>	++	+	+	+	+
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TOTAL CLAIM	à				1	191

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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	IND.	DEP.	IND.	DEP.	IND.	DEP.
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91	+	++	+	+	<del> </del>	<u> </u>	
92	+	++	+ -	+	+	<del> </del>	
93	+	++	+	+	+	<del>                                     </del>	
94	<del></del>	++	+	+	+	<del> </del>	
95	+	+	<del> </del>	+	<del> </del>	<del>                                     </del>	
96	+	++	+	+	+	1	
97	+	+ +	+	+	<del> </del>	<del>†</del>	
98	+	++-	+	+	<del> </del>	<del>                                     </del>	
3099	+	++	+	<del>                                     </del>	+	<del>                                     </del>	
3100	+	++	+	+	+	<del> </del>	
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

SERIAL NO. FILING DATE

CLAIMS

APPLICANT(S)

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26	<u> </u>	19			T	†
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28			1			<u> </u>
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31	<del>                                     </del>		1		t	1
32				<u> </u>		
33				İ	†	<b>†</b>
34		1-1-	†		1	+
35	<del> </del>	11	†	<del> </del>	<u>†                                    </u>	1
36	<del>                                     </del>	1 1	<b>†</b>	<b> </b>	1	İ
37	<del> </del>	<del>† †</del>	<u>†                                      </u>			1
38	<del> </del>	+	<del> </del>	<del>                                       </del>	<del> </del>	<u> </u>
39	<b>-</b>			<del>                                     </del>		
40		+++	+	<del>                                     </del>	1	+
41	<del>                                     </del>	+ +	<del> </del>	<del>                                     </del>	1	+
42		+-+-	+	<del>                                     </del>	<del> </del>	<del></del>
43	<del>                                     </del>	+ +			1	+
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3/45	1	<del>                                     </del>	+	<del> </del>	╂──	<del> </del>
46	+	+ 7	+	<del> </del>	+	+
47	1-	++	+	<del> </del>	<del> </del>	
48	<del>                                     </del>	++-	+	<del> </del>	+	+
49	<del> </del>	+ + -	+	+	+	+
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69	<u> </u>			<del> </del>	<del> </del>	ļ
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72		<del></del>	<del></del>	<del> </del>	<del> </del>	
73	<del> </del>	╄-	+	<del> </del>	<del>-</del>	<u> </u>
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75	<del>                                     </del>	++	<del></del>	+	+	<del>                                     </del>
76 77	<del> </del>	++	+		+	<del>                                     </del>
78	<del> </del>	<del>                                     </del>	+	<del> </del>	<del> </del>	<del> </del>
79	<del> </del>	<del>                                     </del>	+	+	+	<del>                                     </del>
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87	†	1 1 -		<u> </u>	1	
88	†	<del>   -</del>	<del>                                     </del>	<u> </u>	1	
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91	<del></del>	+-+-	†	1	†	1
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93		++	1	1	1	†
94	<u> </u>	1	1	1	<del> </del>	
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97		++	1			1
98		11			1	1
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS FILED			TER NDMENT	AFTER 2nd AMENDMENT		
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3201			<u> </u>				
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37	<del> </del>	+	<del> </del>	1	-	<del> </del>	
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

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13			1	1	T	
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15			1	<u> </u>		
16			1			1
17			1	<u> </u>	1	1
18		++	<b>†</b>	†	<u> </u>	
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35	<u> </u>	<del>                                     </del>	+	<b>_</b>	<del>                                     </del>	+
36	<u> </u>	$\bot$		1	<b>_</b>	+
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS.

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11	<del></del>					1	1
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14	<del>                                     </del>	<del>    -</del>	<del>                                     </del>		<b>†</b>	+	1
15		<del>                                     </del>			<b></b>	<del>                                     </del>	1
16		<del>    -</del>			<u> </u>	-	1
17		<del>    -</del>				†	1
18		<del>                                     </del>		<u> </u>	<del> </del>	† ·	1
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26	-	<del>                                     </del>	<del> </del>	<b>-</b>	<del> </del>	<del> </del>	+
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM **PTO-2022** (1-98)



SERIAL NO. FILING DAT

APPLICANT(S)

CLAIMS

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39			1		1	1
40		11				1
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43		<del>                                     </del>	1	1	1	1
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46	<del>                                     </del>	<del>                                     </del>	†	<del> </del>	<del>                                     </del>	+
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

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APPLICANT(S)

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SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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10			<del>                                     </del>		<b></b> -	
11		<del> </del>	1			<u> </u>
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13		1	1			<del> </del>
14		<del>                                     </del>	<del> </del>		<del>                                     </del>	$\vdash$
15		<del>   </del>	<del> </del>	<u> </u>	<del>                                     </del>	<del>                                     </del>
16		<del>                                     </del>	<u> </u>	<del>                                     </del>		
17		<del>    -</del>	<del> </del>	<del>                                     </del>		<del>                                     </del>
18		<del>      -   -     -                      </del>	$\vdash$		<u> </u>	+
19		<del>                                     </del>	<del> </del>		<del> </del>	1
20		<del>                                     </del>	<del> </del>			<del> </del>
21		+	<del> </del>		<del> </del> -	<del> </del>
22			<del> </del>	<del> </del>	<del> </del>	<del> </del>
		<del>                                     </del>	+	<del>                                     </del>		<del> </del>
23		<del>   -</del>			<del> </del>	┾
24		<del>                                     </del>	1	1	<del> </del>	<u> </u>
25		₩.	<del>                                     </del>	-	├	-
26		<del>}                                    </del>	<del> </del>	1	<del>                                     </del>	┼
27		<del>├-</del>	╁	ļ	<del>                                     </del>	$\vdash$
28		1	ļ			┼
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30			<del> </del>	ļ	<b></b>	+
31			<del> </del>			-
32		<del>    -  </del>		<b>ļ</b>	<u> </u>	
33		+	1	ļ	ļ	<del> </del>
34	ļ	1		-	ļ	+
35	ļ	+			<b>.</b>	1
36	<u> </u>	+	<del> </del>		-	1
37	<b> </b>	+	<b>_</b>	-	ļ	1
38	<u> </u>	1.	<b>_</b>	<b>!</b>	<del> </del>	+-
3839	1		1	1-	<del> </del>	<b>↓</b> _
40	<u> </u>	1	1	-	-	<u> </u>
41		++	ļ	—	1	<del> </del>
42	<u> </u>	<b>↓ ↓</b>	4	ļ	—	_
43	<u> </u>	$\bot$	1		<b>↓</b>	Ц
44	<u></u>	$\bot \bot$	1	ļ	<u> </u>	1
45		<del>                                     </del>			1	
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47			<u> </u>			
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ľ	53							
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l	58		Ц					
ļ	59	<u> </u>	П					
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l	61	<u> </u>	Ц	_	<u> </u>	Ī	$\Box$	
١	62	<u> </u>	$\sqcup$		<u> </u>	↓		
١	63	<u> </u>	Н		↓	ـــــ	<u> </u>	
I	64	<b></b>	₩	·	<b></b>	<del> </del>	<b></b>	$\vdash \vdash \vdash$
١	65	<del>↓ , _</del>	┷		<b>↓</b>	—	<b> </b>	ļ
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ŀ	67	<b>├</b> ──	₩	₩	<del> </del>	<b>├</b> ──		<b></b>
-	68	<del> </del>	+	├	┼	<del> </del>	<del> </del>	<b></b>
1	69 70	<del></del>	+-1	<del> </del>	<del> </del>		<del> </del>	<del></del>
1	70	<del></del>	+-	$\vdash$	<del>                                     </del>	+	┼──┤	<del> </del>
1	72	+	+-	$\vdash$	<del> </del>	╁┈╼┈	<del> </del>	<del> </del>
1	73	<del> </del>	+-	$\vdash$	<del> </del>	+	<del>                                     </del>	<del>                                     </del>
)	74	<del> </del>	+	-	+	-	<del> </del>	
1	75	<del>                                     </del>	+	<del>                                     </del>	+	<del> </del>	<del>                                     </del>	
1	76	<del> </del>	+-	$\vdash$	+	<del> </del>	<del>                                     </del>	-
1	77	<del>                                     </del>	+	<del>  -</del>	<del>                                     </del>	+	<del> </del>	
1	78	<del> </del>	+	<del>                                     </del>	+	+	+	<del>                                     </del>
1	79		+	<del> </del>	<del>                                     </del>	<del>  _</del>	<del>                                     </del>	<del> </del>
1	80	<u> </u>	$\top$	⇈	<del>  _</del>	<u> </u>	<del>  _</del>	<del>                                     </del>
1	81	<u> </u>	†_		<u> </u>	+_	<del>  _</del>	
ļ	82	<u> </u>	Τ_	<u> </u>	<u> </u>		_	
ļ	83	$\vdash$	†_	乚	$\top$	<u></u>		<u> </u>
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1	85		L			Τ	Τ	
1	86	Γ	L		$\mathbf{I}$	T	$\Box$	
-	87	<u> </u>		L		<u></u>		
	88	<u> </u>	1	1	<u> </u>	1	<u> </u>	<u> </u>
	89	<del>  </del>	4-	↓_	<del>                                     </del>	$\bot$	<del> </del>	
	90	<del> </del>	┿	╀	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>
	91	—	+	╀	<del> </del>	+	+	-
	92	┼,	+-		<del> </del>	+	<del> </del>	<del> </del>
	3893 94	1	+	<del>-</del>	┼	┿	┿	
	95	<del> </del>	+	+	+	+	+	+
	96	<del> </del>	+-	+	+	+	+	<del> </del>
	96	+	+	+	+	+	+	+
	98	+	+-	+	+	+	+	+
	99	+	+	+	+	+	-	+
	3900	+	+	+	+	+	+	+
	TOTAL	+	+	<u> </u>	+	+	+	+
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	TOTAL DEP.		_				<u> </u>	- —
	TOTAL	<u>.                                    </u>	T					T

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	ASF	FILED		TER NDMENT	2nd AME	TER NDMENT
	IND.	DEP.	IND.	DEP.	IND.	DEP.
3 <i>90</i> 1		1				
2			1			
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4			1		1	1
5						<u> </u>
6						
7	<del>                                     </del>	1 1	1			<b>-</b>
8	<u> </u>		<del> </del>		<del> </del>	<del>                                     </del>
9			<del>                                     </del>		<del>                                     </del>	<del> </del> -
10			<u> </u>	<u> </u>		<del> </del>
11		<del>                                     </del>	1	<b>-</b>	1	
12	·	<del>                                     </del>	<u> </u>		<del> </del>	
13	<b>-</b>	<del>                                     </del>	<del>                                     </del>			
14	<del></del>	<del>                                     </del>			<b>†</b>	<del>                                     </del>
	-	<del>                                     </del>	1	-	<del> </del>	+
15	<del></del>	<del>                                     </del>	1	-		<del>                                     </del>
16	<b></b>	┼ ╂	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	+
17	<del> </del>	┼-├	<del>                                     </del>	-	<del> </del>	<del> </del>
18	<b>-</b>	$\vdash \vdash$	<del> </del>	<del> </del>	<del> </del>	-
19	<b>-</b>	+	<del> </del>	<del> </del>	<u> </u>	1
20	<del>                                     </del>	$\vdash$	<del> </del>		-	
21	ļ.——	$\vdash$		· · ·		
22	<b></b>	₩.	<del> </del>		ļ	-
23		<b>⊢'</b> —	<u> </u>		<b></b>	<del> </del> -
3924		<u> </u>	<b> </b>		ļ	<u> </u>
25	ļ	1-1-	ļ	ļ	ļ	ļ
26		<b>↓ ↓</b>	1		<u> </u>	<u> </u>
27		$\sqcup \!\!\! \perp$	ļ	ļ	<u> </u>	<u> </u>
28		<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ
29			<u> </u>			ļ
30	ļ.,					
31						
32						
33						
34	-					
35					1	
36		<del>      -</del>			1	
37	1	† <b>†</b>	1	1	1	
38		11	1			1
39		11	1			1
40		11	1	1	† ·	1
41		<del>                                     </del>	1	1	1	1
42	†	<del>                                     </del>	†	†	+	<del>                                     </del>
43	<del>                                     </del>	<del>                                     </del>	1	<del>                                     </del>	1	1
44	<del>                                     </del>	++-	<del> </del>	†	+	
45	}	++	+	+	<del> </del>	+
46	+	<del>                                     </del>	-	+	+	+
47	<del> </del>	++-	+	+	+	+-
	<del> </del>	+-	+	<del> </del>	+	<del></del>
48	ļ	+ +		+	+	+
49	1	+-		-		-
3 <b>9</b> 50	11	<del> </del>	1	-	<del> </del>	+
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	IND.	DEP.	IND.	DEP.	IND.	DEP.
51		$\vdash$	<b>—</b>	<u> </u>	<b>†</b>	
52		<del>   </del>	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>
53		$\vdash$	1		<del>                                     </del>	
54			<u> </u>			
55		$\Box$	<b>†</b>	†	<u> </u>	
56		$\top$	<b>†</b>			
57			T	1	t	
58			<b>T</b>	<b>†</b>		
59						
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61			Ι		Γ	
62		igspace	<u> </u>	<u> </u>	1	<u> </u>
63	<u> </u>	1	<b>↓</b>	<u> </u>	<u> </u>	<u> </u>
64	<u> </u>	$\bot \bot$	<del></del>	<del> </del>	<u> </u>	<b></b>
65	—	++	<del> </del>	<u> </u>	<b>↓</b>	<u> </u>
66	—	++	↓	<b>↓</b>	<del> </del>	<u> </u>
67	<b>↓</b>	++-		<del> </del>	<del> </del>	<del> </del>
68	<b>├</b> ──	++	<del> </del>	+	<del> </del>	<del>                                     </del>
69	<del> </del>	++-		<del> </del>	<del> </del>	<del> </del>
70	$\longleftarrow$	┼┼-	4. —	<del> </del>	<del>                                     </del>	-
71	<del>                                     </del>	1-	<del> </del>	<del> </del>	┼	<del>                                     </del>
72 73	<del></del>	+	<del> </del>	<del> </del>	+	┼
73	├──	++	+	+	┼	-
	<del> </del>	++-	+	+	<del> </del>	
75 3 <b>9</b> 76	<del>⊢ ,</del>	<del>  '</del>	+	+	+	+
77	<del>                                     </del>	+	+	+	+	+
78	<del> </del>	++	+	+	<del> </del>	+
79	<del>                                     </del>	++	+	+	+-	+
80	<del> </del>	+-+-	+	+	<del> </del>	+
81	$\vdash$	++	+	+	+	+
82	<del> </del>	++	+	+	+	+
83	<del>                                     </del>	++	+	+	+	+
84	+	++	+	+	+	+
85	+	++	+	+	+	+
86	<del> </del>	++	+	+	+	+
87	+	++-	<del></del>	+	+	+
88	<del>                                     </del>	+ 1	1	1		<del>                                     </del>
89	<del>                                     </del>	1	1 _	<del> </del>	<u> </u>	1
90		<del>                                      </del>	1_	1	<b>T</b>	<b>†</b>
91	<b>†</b>	+	<b>T</b>	<b>†</b> _	$\top$	1
92		$\top$	<b>†</b>	<b>T</b>	<b>—</b>	<b>†</b>
93	<b>†</b>	$\top$	1	<b>T</b> _	<b>T</b> _	<b>T</b> _
94			<b>T</b>	<b>T</b>	1	
95		11_	<b>1</b>	1	$\top$	<del> </del>
96		$\top$	T	<b>T</b>	T	<b>T</b>
97		<u> </u>		<b>T</b>	1	1
98		$\top$	T	<b>T</b>	1	1
99	<b>†</b>	1		<b>T</b>	1	
4000	<u> </u>		<b>T</b>	<b>T</b>	T	
TOTAL			1	<b></b>		<del></del>
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TOTAL CLAIMS						

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS	FILED		TER NDMENT	2nd AME	TER NDMENT
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4001		1				
2		1				
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9						
10			<u> </u>	ļ		
11	<u> </u>		ļ			<u> </u>
12	<u> </u>	$\perp \perp$	<u> </u>			<u> </u>
13	<u> </u>	$\sqcup \bot$	1	1		
14	<b> </b>		<u> </u>			ļ
15	<b> </b>	$oldsymbol{oldsymbol{\sqcup}}$	<b> </b>	↓	ļ	<u> </u>
16	<b> </b>	$oldsymbol{oldsymbol{\sqcup}}$	ļ	ļ	<b></b>	<u> </u>
17	ļ	$\bot$	<u> </u>	1		ļ
18	ļ	+	ļ	-	ļ	<u> </u>
19	ļ		<del> </del>	ļ	ļ	
20		++		<del> </del>		1
21	ļ	<del>↓</del>	<b>.</b>	<u> </u>	<u> </u>	
22	ļ	+	<u> </u>	<u> </u>	ļ	
23	<u> </u>	<b>↓ ↓</b>	<b>↓</b>		<u> </u>	ļ
24	ļ	+	1	1		₩
. 25	<u> </u>	<b>↓. ↓</b>	ļ	<b></b>	ļ	-
26	<del>                                     </del>	+ •	-	<u> </u>	<del> </del>	<b> </b>
4027	+	<u> </u>	+	<u> </u>	-	<b>├</b>
28	-	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	+
29	-	+	+	+	1	<b>-</b>
30	<del> </del>	+	<del> </del>	<del> </del>	<del> </del>	+-
31 32	<del>├</del>	+	<del>   </del>		+	+-
33	╂	+	<del>                                     </del>	_	+	+
34	<del>                                     </del>	+-+			<del>                                     </del>	+
35	╂	+ +	<del> </del>	_	+	+
36	<del>-</del>	+++	+	<del> </del>	+	+
37	<del>                                     </del>	+	-	+	+	+
38	<del> </del>	1-1-	+		+	+
39	+	+ +	+	+	<del>                                     </del>	+
40	1	+ +	+	+	<del>                                     </del>	+
41	<del>                                     </del>	+ +		1		+
42	1	++	+	+	1	<b></b>
43	1	++	+	<del> </del> -	†	+
44	+	+ +	+		1	<del>                                     </del>
45	<del>                                     </del>	+ +	1	+	1	+
46	+	+ +	1	+	1	<del>                                     </del>
47	1	+ +		+	1	+
48	+	+ +	†		1	<b>-</b>
49	1	+ +	+	+	†	1
50	1	+ +	<del>                                     </del>		1	1-
TOTAL	+-	<del>                                     </del>	+		<del>                                     </del>	٦
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<i>40</i> 51	1			<u> </u>	1	<del> </del>
52				İ.		<del> </del>
53			···-	<b> </b>	ļ	<del>                                     </del>
54				<u> </u>		†
55		11-		İ	<b>†</b>	†
56			<b></b>		<b> </b>	<del> </del>
57		<del>                                     </del>		<del>                                     </del>	<b> </b>	†
58		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del> </del>
59		<del>    -   -   -   -   -   -   -   -   -  </del>		<u> </u>		
60			<b>i</b>	<u> </u>		<u> </u>
61	•				1	
62					<u> </u>	1
63		<b>! !</b>			<b>1</b>	1
64						
65						
66			1	1	1	
67			1			1
68			1		1	
69			1			
70						
71			Î			
72				Î.		
73			1			T
74						
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76						Ţ
4077	1		T			T
78		1				
79						
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83			<u> </u>	<u> </u>		<u> </u>
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86						
40 87	1				<u> </u>	
88		11		ļ	ļ	
89		$\bot$			<u> </u>	<u> </u>
90						
91		<del>                                     </del>			<b>_</b>	
92			4			ļ
93		$\bot$				_
94					ļ	4
95					<u> </u>	
96		$\bot$		<b>_</b>		
97		$\bot$	<u> </u>	<b>_</b>	4	<del>                                     </del>
98	<u> </u>	$\bot \bot$				<b>_</b>
99	<u> </u>	$\bot$	<b></b>	_		
<b>4</b> 100	ļ			<del> </del>	1	
TOTAL IND.	1	U		Л	1	л
TOTAL		]				7 5
DEP. TOTAL CLAIMS	<del> </del>		+	<u></u>	+	
CLAIMS			: :	نـــــــــــــــــــــــــــــــــــــ		

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS	FILED	1st AME	TER NDMENT		TER NDMENT
	IND.	DEP.	IND.	DEP.	IND.	DEP.
4101	<u> </u>	1				1
2		1			<b></b>	
4103	1		<del> </del>	<del> </del>	<del> </del>	<b>†</b>
4	<del>- ' -</del>	8			_	†
5	<del> </del>	<del>                                     </del>	<del> </del>		<del> </del>	<del>                                     </del>
6	<b>-</b>	++-	<del> </del>	-		<del> </del>
7	-	+ }		<del></del>	-	<del> </del>
8	<del> </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
9	<del> </del>	<del>                                     </del>				-
10		<del>   -</del>		<del>                                     </del>	<del> </del>	1
11	-	<del>                                     </del>	-	-	├──	<del>├</del>
12	<del> </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>
	<del> </del>	<del>                                     </del>	<del></del>		<b></b>	<del> </del>
13	-	<del>   </del>	<u> </u>		1	<del>├</del>
14		┼-┼-	<del> </del>			<del> </del>
15		<del>   </del>	<del>                                     </del>		<u> </u>	
16		<del>                                     </del>	<del>                                     </del>	-		-
17	ļ	+	ļ		<u> </u>	-
18	<b> </b>	+	<u> </u>		<del> </del>	
19	-	+	<u> </u>	<del> </del>	<del> </del>	-
20		+			<del>                                     </del>	1
21	<b>↓</b>	₩	<del> </del>		<b></b>	-
22	<b> </b>	1-1-	ļ		ļ	<b> </b>
23	<b></b>	$\sqcup \bot$	ļ	ļ	<b> </b>	<b>.</b>
24	ļ	<del>      -   -                            </del>		<b> </b>	ļ	ļ
25	<u> </u>	1	<u> </u>	<b>!</b>	ļ	ļ
26		11_	<u> </u>		<u> </u>	
27	ļ					
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29		$oldsymbol{ol}}}}}}}}}}}}}}}}}$				<u> </u>
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38			I			
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41		$\sqcap$				
42		$\top 1$				
43	1	11	1		1	1
44	1	11	1	1	1	
45	1		<b>†</b>	<del>                                     </del>	1	<b>†</b>
46	1	++-	† · · · ·	1	1	<b>†</b>
47	1	++	1	†	<del>                                     </del>	+
48	<del>                                     </del>	++	1	<b> </b>	+	+
49	1	++	+	1	1	+
50	1	++-	+	+	+	+
TOTAL	+	<del>- ' -</del>	+	+	+	+
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TOTAL CLAIMS			1		1	

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51		$\Box$	<u> </u>	<u> </u>		
52	<u> </u>		<b></b>	ļ	<u> </u>	
53			<u> </u>			
54				]		
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56	<u> </u>	<del>∐</del>		1	<u> </u>	
57		Ц_	<del> </del>	<b></b>	<u> </u>	Ļ
58	L	↓↓	<b>↓</b>		<u> </u>	<u> </u>
59	Ļ	₩.	<del> </del>	<del> </del>	<del>                                     </del>	<b>↓</b>
60	<b> </b>	₩	↓	<del> </del>	<b>Ļ</b>	<u> </u>
61	<b>├</b> ──	₩-	<del> </del>	<del> </del>	—	—
62	↓	₩-	<del> </del>		—	<del>                                     </del>
63	⊢—	++-	+	<del>                                     </del>	<del> </del>	<b>├</b>
64	<del>                                     </del>	┼┼-	┼	<del> </del>	<del> </del>	<del> </del>
65	<b>├</b> ──	<del>    -   -   -   -   -   -   -   -   -  </del>	<del> </del>	+	—	<b>├</b>
66 4/67	<del>├</del>	<del>  '</del>	┼	+	┼	<del> </del>
68	/	+-	<del> </del>	+	┼	<del> </del>
69	<del> </del>	++	+	+	<del> </del>	<del> </del>
70	<del> </del>	++	+	+	<del>                                     </del>	+
71	<del>                                     </del>	+-+-	+	+	+	+
72	<del> </del>	++-	+	+	+	<del> </del>
73	<del> </del>	+++	+	+	+	+
74	<del> </del>	++	+	+	<del> </del>	+
75	<del> </del>	++-	+	+	<del> </del>	+
76	<del>                                     </del>	++	+	+	+	+
77	<del> </del>	++	+	+	+	+
78	<del></del>	++	+	+	<del> </del>	+
79		+-+	+		+	+
80	<del>                                     </del>	++	+-	+	+	+
81	+	++	+	+	+	+
82	+	+ +-	+	+	+	+
83	+	++	+	+	+	+
4184	1	+-'-	+	+	+-	+
85	+	+	+	+	+	+
86	<del>                                     </del>	++	+	+	<del>                                     </del>	+
87	+	++	+	1	†	1
88	† <u> </u>	1	<del>                                     </del>	<b>T</b>	<del>  _</del>	
89	<b>†</b>		<b>T</b>	T		1
90	<b>†</b>			T		<b>T</b>
91	<b>†</b>	$\top$	$\top$			<b>†</b>
92	.1		T_			1
93	<b>†</b>	$\top$	Τ	T	$\top$	$\top$
94	<b>T</b>	$\top$	T_	<b>T</b>	<u> </u>	T
95	1		1_		1	<b>T</b>
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97	1	$\top$	T	$\top$		
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TOTAL CLAIMS	.+	Т	+	7:	+	
CLAIM	<u> </u>			<u></u>		

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

CLAIMS

APPLICANT(S)

	ASI	FILED	AFTER 1st AMENDMENT			TER NDMENT
	IND.	DEP.	IND.	DEP.	IND.	DEP.
4201		1				
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f205	1					
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23			1			İ
24						1
4225	1			İ		
26						
27			<b>†</b>		<b>†</b>	1
28			1	<del> </del>	<u> </u>	
29		++-	<u> </u>	<u> </u>	<u> </u>	+
30		++-	+	<del>                                     </del>	<del>                                     </del>	1
31		++	<del>                                     </del>	†	<del>                                     </del>	+
32		<del>                                     </del>		<del> </del>	<del>                                     </del>	┼─
33		++	<del> </del>	-	<u> </u>	<del></del>
34		++-	†	<del> </del>	<del>                                     </del>	+
35	<b> </b>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del> </del>	+
36	<b></b>	<del>                                     </del>	<del> </del>	+	1	+
37	<b> </b>	<del>                                     </del>	+	<del> </del>	+	+
38		+-+-	<del>                                     </del>	<del> </del>	+	+
39	<del>                                     </del>	+ + -	+	<b>-</b>	<del>                                     </del>	+
40	<b> </b>	+ + -	+	+	<del> </del>	+
41	<del> </del>	+	+	+	<del> </del>	+-
4242	<del>  ,                                   </del>	<del>                                     </del>	<del> </del>	+	<del> </del>	+
43	<del>                                     </del>	+	┼──	+	<del> </del>	+
44	<del>                                     </del>	<del>                                     </del>	+	-	<del> </del>	+
45	<del> </del>	+	+	-	1	+
46	<del>                                     </del>	+	<del> </del>	+	+	+
		1	+	<del> </del>	+	-
47	<b> </b>	++-		<del> </del>	<del> </del>	-
48	<b>.</b>	<del>↓                                    </del>	<del> </del>	<b>.</b>	<del> </del>	<del> </del>
49		$\bot \bot$		<u> </u>	<del> </del>	-
50	Ļ	$\perp 1$	<u> </u>	<u> </u>	<del> </del>	
TOTAL IND.		l 0		1		N
TOTAL IND. TOTAL DEP.				] 📮	-	] 🚭

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	<u></u>		<u> </u>			
	IND.	OEP.	IND.	DEP.	IND.	DEP.
51	L	<del>↓ ↓</del>	<b> </b>	<u> </u>	<u> </u>	ļ
52	<u> </u>	ـــ	<b></b>	<u> </u>	↓	igspace
53	<u> </u>	++	—	<del> </del>	↓	<u> </u>
54	<u> </u>	<del></del>	<del> </del>	<del></del>	<b></b>	<b>↓</b> ∤
55		₩-	——	<del> </del>	Ь—	<del>                                     </del>
56		—	<b>↓</b>		↓	ļļ
57		igspace	<del> </del>	<u> </u>	↓	<u> </u>
58	<u> </u>	+	↓		<del> </del>	<b></b>
59	<u> </u>	1	↓	<b>↓</b>	<u> </u>	<b>└</b>
4260	<u> </u>	<del>↓</del>	<del> </del>	<del> </del>	—	<del>                                     </del>
61	<u> </u>	+	<del> </del>	<del> </del>	<del> </del>	<b>└</b>
62	<b></b>	<del>-                                    </del>	<del> </del>	+	↓	<b>-</b>
63	<b> </b>	+	<del> </del>	+	<del> </del>	<b>├</b>
64	<u> </u>	<del></del>	<del>↓</del>	<del> </del>		<b>├</b>
65		++	+		—	<b>├</b>
66	<b></b>	++-	<del>                                     </del>	┼	<del> </del>	<b>↓</b> !
67		++	┼	<del></del>	-	<del> </del>
68	$\vdash$	+	┼	<del> </del>	<del> </del>	<del>                                     </del>
69	$\vdash$	++			<del> </del>	<b>├</b>
70	$\vdash$	++	┼	+	+	—
71	<del></del>	++	+	+	-	<del> </del> -
72	—	+	+	+	<del>                                     </del>	<del>                                     </del>
73	<del></del>	++-	<del> </del>		<del> </del>	<del>                                     </del>
74	—	++	<del> </del>	<del> </del>	<del> </del>	<del> </del>
75 76	<del> </del>	++	+	+	₩	<del> </del>
76	<del> </del>	++	+	+	┿	<b>↓</b>
77	—	++	<del> </del>	+	<del> </del>	<del> </del>
78	<del> </del>	+-+-	<del> </del>	+	<del> </del>	<del> </del>
79	<del> </del>	+-{	┼		<del> </del>	<del> </del>
80 <b>4</b> 281	<del></del>	+-	+	+	<del> </del>	—
<del>4</del> 281 82	1	+.	+	+	₩	<del> </del>
82	<del>                                     </del>	+	+	<del> </del>	<del> </del>	<del> </del>
83	<del> </del>	++	┼	+	+	<del> </del>
85	<del> </del>	+-+-	+	+	+	-
85	<del> </del>	++	┼	-	+	-
86	<del> </del>	+	<del>- </del>	-	+	+
88	<del>                                     </del>	++	<del> </del>	+	+	+
88	├	++	+	+	+	<del>  -</del>
90	₩	++	+	+	+-	+
91	<del>                                     </del>	++	+	+		+
91	<del> </del>	++	+	+	+	+
93	—	+	+-	+	+	+
93	<del></del>	+	+	+	+	<del>  -</del>
95	<del> </del>	++	+	+-	+	+
96	<del> </del>	++	+-	+	+	<del> </del>
96	<del>                                     </del>	+-+-	+	+	+	+
97	<del> </del>	++	+-	+	-	+
98	₩	++	+	+	<del> </del>	
99 <b>43</b> 00	<del> </del>	++	+	<del> </del>	-	+
	—	+	<del></del>			_
TOTAL IND.		] 🖧		ہے ل		ہے ل
TOTAL DEP.		<b>-</b>				<b>-</b> 0
TOTAL CLAIMS	t				1	
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM **PTO-2022** (1-98)



SERIAL NO. FILING DAT

APPLICANT(S)

CLAIMS

	AS FILED		AFTER 1st AMENDMENT		2nd AME	TER NDMENT
	IND.	DEP.	IND.	DEP.	IND.	DEP.
-301		1				
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13			ļ	L		ļ
14			l		ļ	<u> </u>
15		igspace	<b> </b>	L	<u> </u>	ļ
16		igspace	<u> </u>		<u> </u>	Ļ
17		$oldsymbol{ol}oldsymbol{ol}oldsymbol{ol{ol}}}}}}}}}}}}}}}}}}}$	<u> </u>	ļ	<u> </u>	<u> </u>
18		<del>↓ ↓ _</del>	<u> </u>	ļ	ļ	<u> </u>
19		igspace	ļ		ļ	<u> </u>
20			ļ		ļ	ļ
321	1			<b> </b>	<b></b> _	ļ
22		<del>∐</del> —	ļ	ļ	ļ	
23		$\vdash$	<b></b>	ļ	ļ	<u> </u>
24	ļ	1-1-	<b>↓</b>	ļ <u>.</u>	ļ	
25		┦		ļ		<u> </u>
26		+	<del> </del>	ļ		
27	ļ	$\bot \bot$	ļ	ļ	ļ	ļ
28		+	ļ	<del> </del>		<b> </b>
29	<b> </b>		<b> </b>	ļ	<b> </b>	<del> </del>
30	<b></b>	1		-	-	<b>↓</b> —
31		1-1-		ļ	ļ	ļ
32	<b> </b>	——	<del> </del> -	ļ	<del> </del>	ļ
33		<del> </del> }	<del></del>	ļ. <u>.</u>	<u> </u>	ļ
34		╀-	<u> </u>	<del> </del>	<u> </u>	-
35		+		1	<del> </del>	+
36		+ $+$	<del> </del>	<del> </del>	+	<del> </del>
37	<u> </u>	1 1	+-	-	+	+-
38		+	+	-	<del> </del>	+
39	<del> </del>	+	<del> </del>	<del> </del>	<del> </del>	+
40	<del> </del>	+ +	+	+	+-	+
41 42	<b></b>	<del>   -</del>	<del>                                     </del>	<del> </del>	<del></del>	
	-	+	-	<del> </del>	+	
<b>4</b> 343 44	1_1_	+ .	+	+	<del> </del>	+
	<del> </del>	+	+	<del> </del>	+	
45	├	<del>   </del>		-	+	1
46	<del>                                     </del>	+ +-		+	+	+-
47	<del> </del>	+-1	+		<del></del>	
48	<u> </u>	+	+	+	+	+
49	<del> </del>	+	+	+	+	-
50 TOTAL	<del> </del>	+ '	+	+	+	+
IND.		]			<u> </u>	_] _0
TOTAL DEP.		<b>€</b> □				ہے ل
TOTAL CLAIMS	+		1	3	~	

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51	<u> </u>	4	ļ	<del>  </del>	<del> </del>	$\perp$
52_	<del>                                     </del>		—	<del> </del>	<del> </del>	
53	<b></b>	$\downarrow \downarrow \downarrow$	↓	<del>                                     </del>	—	<b>↓</b>
54	<b></b>	1-1-	↓	<del> </del>	↓	<b></b>
55 56	Ь—	+	—	<del> </del>	1	<del> </del>
56 57	<del>                                     </del>	++	₩	+		<b></b>
57 58	<del> </del>	++	<del> </del>	<del> </del>	<del> </del>	
58 59	<del> </del>	++-	+	+	<del> </del>	+
60	<del> </del>	++-	+	+	<del> </del>	<del>                                     </del>
61	<del> </del>	++-	+	+	+	+
62	<u> </u>	++	†	+	+	+
63	<del> </del>	+1_	<del>+ _</del>	+	<del>  _</del> _	+
64		+	<u> </u>	<del>  _</del>	<u> </u>	<u> </u>
43 65	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<b>—</b>
66	<u> </u>	<del> </del>	<u> </u>		$\top$	<u> </u>
67			<b>T</b>	<u> </u>		†
68	<u> </u>					
69			<u> </u>	$\mathbb{L}_{-}$	$\Box$	L
70	<u> </u>	$\Box$	<u> </u>	]	<u> </u>	<u> </u>
71	<u> </u>	14	1	1	1	1
72	<u> </u>	11			$\bot$	
73		44	1		<del> </del>	
74	<del> </del>	44	—	<del> </del>	<del> </del>	
75	<del>                                     </del>	++-	<del> </del>		<del> </del>	4
76	↓	++		+		
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78 79	<del> </del>	+	+-	+	+	-
80	+	++	+	+	+	-
81	+	++	+	+	+	+
4382	+ ,	+	+	+	+	+
83	+	+-	+	+	+	+
84	+	++	+	+	+	+
85	<del> </del>	+1_	+	_	+	+
86	<del>+</del>	+1_	+_	<u> </u>	+_	+
87	<u> </u>	+_	+_	+	<del></del>	_
88	<b>†</b>		$\top$	T		T
89	1		T_			
90	<u> </u>		L	L		
91	<u> </u>	$\Box$	$\mathbb{I}_{-}$		<u> </u>	
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93	]	1				
94	1	1	<del>                                     </del>			
95	<del> </del>	+	<del> </del>	+	<del>                                     </del>	
96	<del> </del>	++	<del> </del>	+-		_
97 98	<del> </del>	++	+-		+-	-
98 4399	+-,-	1	+	+-	+-	+
4400	+ '-	+	+	-	+	+
4400 TOTAL	-	+	+-	+_	+-	+_
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	ASI	FILED	10t AME	TER NDMENT	2nd AME	TER NDMEN
	IND.	DEP.	IND.	DEP.	IND.	DEF
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16					<u> </u>	
17		11	1			
18		11	1			1
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21		<del>                                     </del>	1			$\vdash$
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23		<del>                                     </del>	†	<del> </del>	<del>                                     </del>	$T^-$
24	<u> </u>	<del>                                     </del>	1	<del>                                     </del>	<del> </del>	t
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26	├	1	+	<del> </del>	<del> </del>	+-
27	<b></b>	<del>      -</del>	+	╁	<del> </del>	+-
28	<del>                                     </del>	++-	<del> </del>	+	<del>                                     </del>	+
29	├─	<del>   -</del>	+	-	<del> </del>	+
	<del>                                     </del>	<del>                                     </del>	+	+	<del>                                     </del>	+
30 31	<del> </del>	++	+	<del> </del>	1	+
	<del> </del>	+	<del>                                     </del>	<del> </del>		+-
32		+ 1	-	-	<del>                                     </del>	+-
33		++	+		<del> </del>	-
34	<u> </u>	+	<del> </del>	<del> </del>	1	+—
35	<u> </u>	+		<del> </del>	<b> </b>	+-
36	<b></b>	+		<b>_</b>	1	1-
37	ļ	+	+	ļ	ļ	+
38		11-	4	<b>_</b>	1	
39	L	<b>↓↓</b>		<del> </del>	<b>1</b>	$\vdash$
40		$\bot$	<b>↓</b>	ļ		╁
41		11_	1	<b>_</b>	<b>↓</b>	1
42		$\bot \bot$		.		
43	ļ		1	<u> </u>		1_
44			1			
445						
46						
47					$\perp$	
48	T					
49						1
50				1	1	1
TOTAL	$t^-$	<u> </u>	1	п		$\top$
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YOTAL CLAIMS		7	1			

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63	<b>↓</b>	++	↓	<b></b> !	<b></b>		
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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78	<u> </u>	1			<u> </u>	
79	<u> </u>	1		<u> </u>	<u> </u>	
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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM **PTO-2022** (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



SERIAL NO. FILING DAT

APPLICANT(S)

CLAIMS

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



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APPLICANT(S)

CLAIMS

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FORM **PTO-2022** (1-98)



SERIAL NO. FILING DATE

APPLICANT(S)

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)



#### SERIAL NO. FILING DATE **CLAIMS ONLY** APPLICANT(S) CLAIMS AFTER 1st AMENDMENT AFTER 2nd AMENDMENT DEP. IND. DEP. IND. IND. IND. DEP. IND. DEP. \$70 50 81 50 91 100 10c , TOTAL IND. TOTAL IND. Û $\mathbb{D}_{\square}$ TOTAL DEP. TOTAL CLAIMS TOTAL DEP. TOTAL \* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office FORM PTO-2022 (1-98)

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# CLAIMS ONLY

SERIAL NO. 09/84/430

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\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

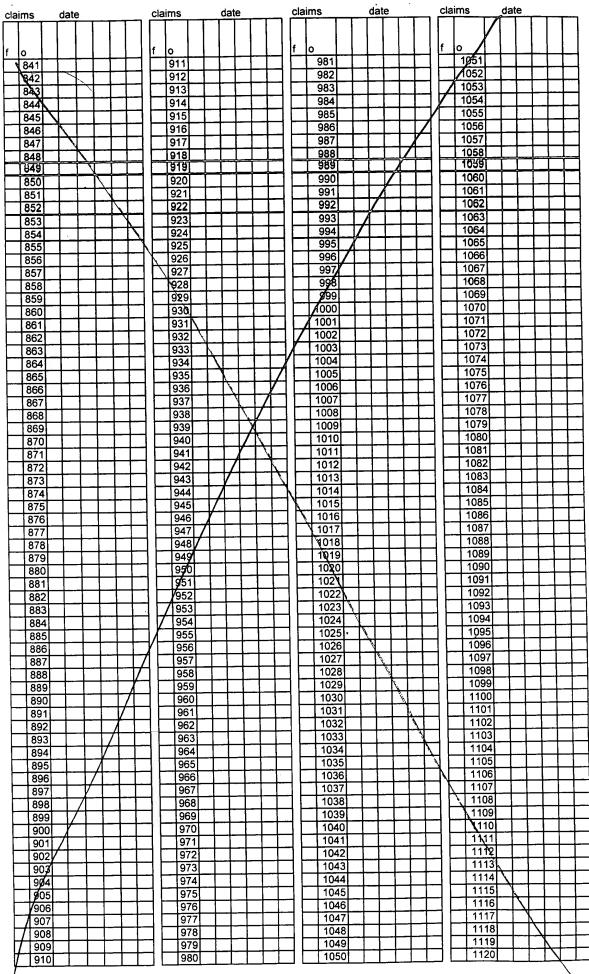
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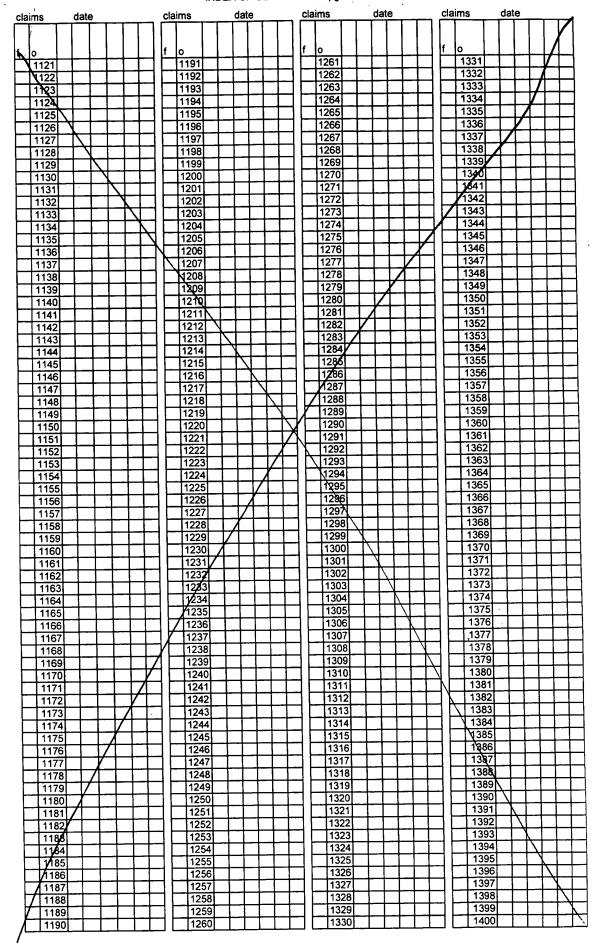
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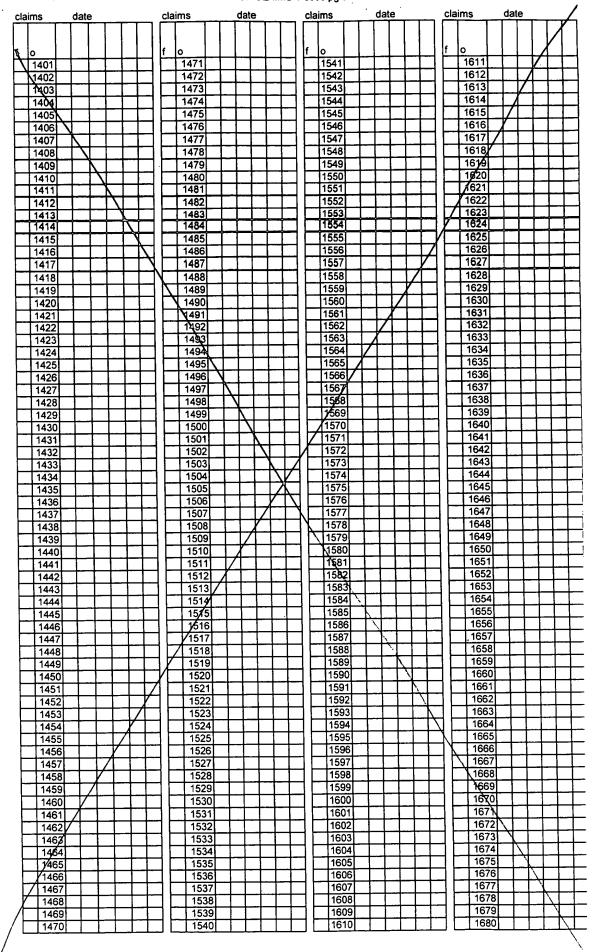
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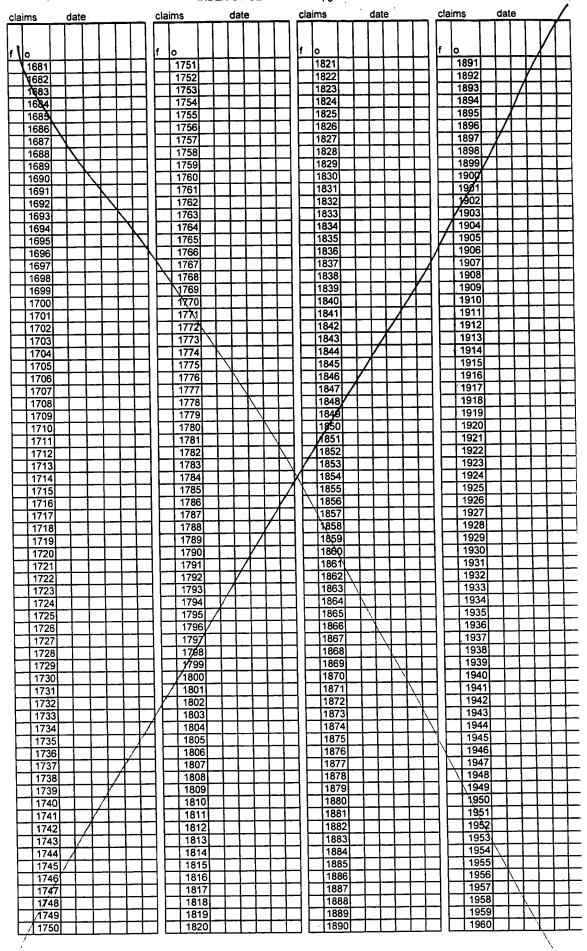
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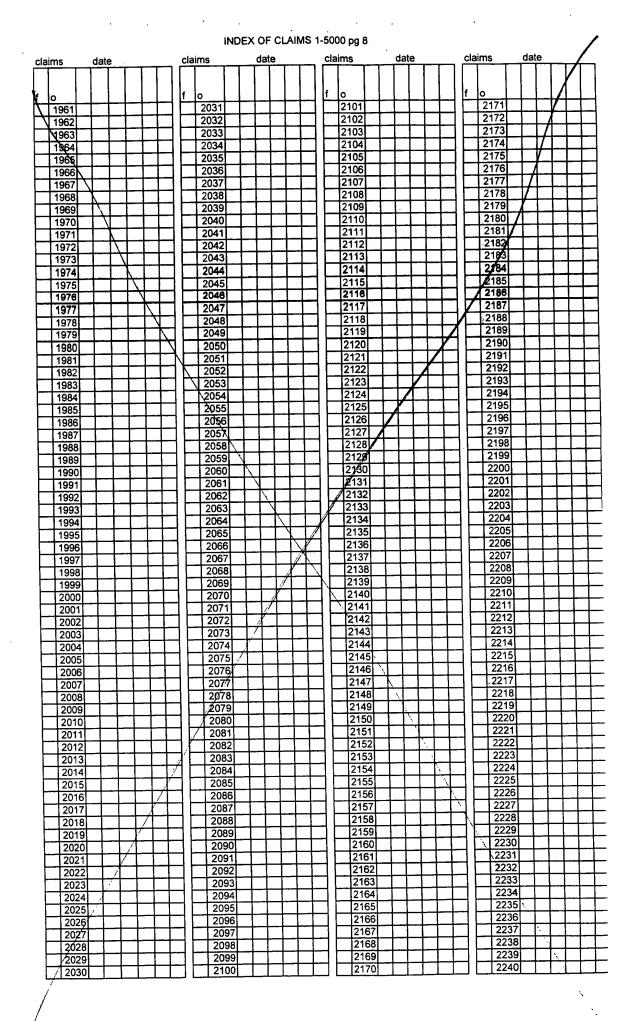


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2272     2342     2412     2482       2273     2343     2413     2483       2274     2344     2414     2484       2275     2345     2415     2485       2276     2346     2416     2486       2277     2347     2416     2487       2278     2349     2418     2488       2279     2349     2419     2489       2280     2350     2420     2490	
2274     2344     2414     2484       2275     2345     2415     2485       2276     2346     2416     2486       2277     2347     2416     2486       2278     2348     2418     2487       2279     2349     2419     2489       2280     2350     2420     2490	$\Box$
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55888         5658         5728         5798         5799           55890         5659         5659         5730         5800         5800           5591         5660         5730         5800         5800           5592         5661         5731         5802         5802           5593         5662         5732         5802         5803           5594         5663         5733         5804         5804           5596         5666         5733         5804         5804           5596         5666         5736         5806         5806           5597         5667         5737         5807         5807           5598         5668         5739         5806         5807           5599         5669         5739         5806         5807           5599         5669         5739         5809         5809           5600         5671         5741         5741         5811         5811           5601         5673         5743         5741         5811         5811         5811           5602         5675         5744         5811         5814         5814	_		╙	4	4	_	_	Ш	$\perp$		_	Щ	_	_	$\dashv$	_	_		_	4	4	┦	4	┕		₩	⊢	┡	
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5598         5668         5668         5738         5809         5809           5600         5670         5739         5890         5810         5810         5810         5810         5810         5810         5810         5810         5811         5814         5814         5814         5814         5814         5814         5814         5814         5814         5815         5815         5876         5876         5876         5876         5876         5874         5815         5815         5816         5816         5816         5816         5816         5816         5816         5816         5816         5816         5816         5816         5816         5816         5881         5811         5821         5821         5821         5821         5821         5822         5821         5822         5822         58	-		┢	+	$\dashv$	┪	Н	$\dashv$	-		-	Н	-	$\dashv$	<del></del>	$\dashv$	1		$\dashv$	+	+	$\vdash$	$\dashv$	<b>—</b>		+-	$\vdash$	H	
5599         5669         5670         5739         5800         5810         5810         5810         5810         5810         5811         5801         5801         5811         5811         5802         5872         5741         5811         5811         5803         5803         5873         5874         5874         5874         5874         5874         5874         5874         5874         5814         5814         5814         5814         5815         5805         5666         5676         5745         5814         5814         5814         5814         5816         5807         5877         5874         5814         5816         5807         5876         5745         5745         5814         5816         5807         5807         5877         58747         5817         5816         5807         5877         58747         5817         5817         5811         5811         5811         5861         5878         58748         5818         5818         5818         5818         5818         5818         5819         5820         5820         5820         5820         5820         5820         5820         5820         5820         5822         5822         5822			+	+	$\dashv$	-	H	$\dashv$	$\vdash$	_	_	Н	$\dashv$	H	$\vdash$	$\dashv$	$\vdash$		$\dashv$	+	+	$\vdash$	$\dashv$	H		+	$\vdash$	T	
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5601         5672         5672         5742         5811         5812         5803         5673         5742         5813         5813         5813         5813         5804         5674         5744         5744         5814         5813         5813         5813         5813         5814         5814         5815         5806         5676         5676         5745         5745         5815         5816         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5818         5819         5819         5819         5819         5819         5819         5819         5819         5819         5819         5819         5819         5819         5819         5819         5820         5819         5820         5820         5819         5819         5821         5821 <td< td=""><td>┪</td><td></td><td>┢</td><td>+</td><td><math>\dashv</math></td><td><math>\dashv</math></td><td></td><td><math>\vdash</math></td><td><math>\vdash</math></td><td></td><td></td><td>Н</td><td><math>\neg</math></td><td>-</td><td>Н</td><td><math>\dashv</math></td><td><math>\vdash</math></td><td></td><td></td><td><math>\top</math></td><td>+</td><td><math>\vdash</math></td><td><math>\dashv</math></td><td>Н</td><td></td><td>+</td><td>T</td><td>t</td><td></td></td<>	┪		┢	+	$\dashv$	$\dashv$		$\vdash$	$\vdash$			Н	$\neg$	-	Н	$\dashv$	$\vdash$			$\top$	+	$\vdash$	$\dashv$	Н		+	T	t	
5602	$\dashv$		┢	†	寸			Н			_	Н			П	ヿ	$\vdash$		$\Box$	十	+		ヿ	Г	<del></del>	$\top$	$\vdash$	✝	
5603         5673         5674         5674         5744         5813         5814         5814         5814         5814         5814         5815         5606         5675         5745         5745         5815         5816         5816         5816         5816         5816         5816         5816         5816         5816         5816         5816         5817         5817         5747         5747         5817         5747         5817         5817         5817         5600         5816         5816         5816         5817         5818         5818         5818         5818         5818         5818         5818         5818         5822         5822         5822         5822         5822         5822         5822         5823         5823         5823         5823         5823         5823         5823         5823         5823         5823 <td< td=""><td>-</td><td></td><td>┪</td><td>✝</td><td>寸</td><td><math>\neg</math></td><td></td><td>Н</td><td><math>\vdash</math></td><td></td><td>_</td><td>Н</td><td></td><td></td><td></td><td></td><td><math>\vdash</math></td><td></td><td><math>\neg</math></td><td>+</td><td>+-</td><td>П</td><td>┨</td><td>Г</td><td></td><td>1</td><td><math>\vdash</math></td><td>⇈</td><td></td></td<>	-		┪	✝	寸	$\neg$		Н	$\vdash$		_	Н					$\vdash$		$\neg$	+	+-	П	┨	Г		1	$\vdash$	⇈	
S604	$\dashv$		T	+	_			Н	┢		_	Н			_	┪			$\neg$	╅	+-	H	ヿ			$\top$	1	T	
S605   S676   S676   S676   S746   S816   S816   S607   S677   S747   S817   S817   S608   S678   S678   S748   S818   S818   S609   S679   S749   S749   S819   S610   S681   S681   S750   S750   S620   S611   S682   S752   S622   S682   S752   S622   S613   S683   S638   S754   S634   S615   S624   S686   S686   S755   S622   S615   S686   S686   S755   S622   S615   S686   S686   S755   S622   S616   S686   S687   S757   S687   S687   S757   S687   S689   S699   S759   S629   S620			T	1	$\neg$			Н	┢		-	П	_		П	ヿ	Г	5744		┪	_			Г	5814	$\top$	$\vdash$	T	
S606   S607   S676   S677   S677   S678   S747   S816   S817   S608   S678   S678   S748   S748   S818   S818   S609   S679   S679   S749   S819   S819   S611   S611   S622   S682   S750   S622   S623   S623   S634   S636			T	7	_				┢		-	П			П	$\neg$		5745		T					5815	1	Τ	T	
S607			T	7	┪		_		┢	5676	1	П			П	$\Box$		5746		T	T				5816	1	Т	Г	
5609         5679         5749         5740         5819           5610         5680         5750         5820         5820           5611         5681         5751         5821         5821           5612         5682         5752         5822         5822           5613         5683         5753         5823         5823           5614         5684         5754         5824         5824           5615         5685         5755         5825         5825           5616         5686         5756         5825         5825           5617         5687         5757         5827         5827           5618         5688         5758         5828         5828           5619         5689         5759         5827         5827           5619         5689         5759         5828         5828           5620         5690         5760         5830         5831           5621         5689         5761         5831         5831           5622         5692         5761         5831         5831           5623         5693         5763         5833			Τ	1	ヿ					5677	1	Г			П	$\Box$		5747		T	T	1		Г	5817	$\top$			
5610         5680         5750         5820           5611         5681         5681         5751         5821           5612         5681         5751         5821         5821           5613         5683         5752         5822         5823           5614         5684         5754         5824         5823           5615         5685         5756         5825         5825           5616         5686         5756         5825         5826           5617         5687         5757         5827         5827           5618         5688         5758         5828         5828           5619         5689         5759         5829         5829           5620         5690         5760         5830         5831           5621         5691         5760         5831         5831           5622         5692         5762         5832         5831           5622         5693         5762         5832         5832           5623         5694         5764         5831         5833           5624         5694         5765         5835         5835		5608	T	┪	╛					5678	1				П			5748		$\top$	T				5818	$\top$	Γ	Γ	
5611         5681         5751         5821           5612         5682         5752         5822           5613         5683         5753         5823           5614         5684         5754         5824           5615         5685         5755         5825           5616         5686         5756         5826           6617         5687         5757         5827           5618         5688         5758         5827           5619         5689         5759         5827           5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5761         5831           5624         5694         5764         5831           5622         5693         5763         5833           5623         5693         5763         5833           5624         5694         5764         5834           5625         5695         5765         5836		5609	Τ	7		$\Box$				5679			П		П		Γ	5749		Т					5819	Т		$\Box$	
5612         5682         5752         5822           5613         5683         5753         5823           5614         5684         5754         5823           5615         5685         5755         5825           5616         5686         5756         5826           5617         5687         5757         5827           5618         5688         5758         5827           5619         5689         5759         5828           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5831           5624         5694         5764         5834           5625         5693         5765         5832           5626         5696         5766         5836           5627         5697         5767         5837           5628         5698         5766         5836           5629         5766         5836         5836           5627         5697         5767         5837		5610	T	T	コ				Г	5680								5750		$\perp$					5820	$\perp$	oxdot	Π	
5613         5683         5753         5823           5614         5684         5754         5824           5616         5685         5755         5825           5616         5686         5756         5825           5617         5687         5757         5827           5618         5688         5758         5828           5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5693         5763         5833           5625         5695         5765         5833           5626         5694         5764         5834           5627         5695         5765         5835           5628         5696         5766         5836           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5769         5839		5611	Γ	T	$\Box$					568								5751		Τ					5821	$\perp$	L		
5614         5684         5754         5824           5615         5685         5755         5825           5616         5686         5756         5825           5617         5687         5757         5827           5618         5688         5758         5828           5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5694         5764         5834           5625         5695         5765         5835           5626         5696         5766         5836           5627         5697         5767         5837           5628         5696         5766         5836           5627         5697         5767         5837           5628         5698         5766         5836           5629         5599         5769         5839           5630         5700         5770         5840		5612	Γ	Т					Г	5682	2							5752							5822	$\perp$	L		
5615         5685         5755         5825           5616         5686         5756         5826           5617         5687         5757         5827           5618         5688         5758         5828           5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5693         5764         5834           5625         5695         5766         5836           5626         5696         5766         5836           5626         5696         5766         5837           5628         5697         5767         5837           5620         5698         5766         5836           5622         5697         5767         5837           5628         5698         5768         5838           5629         5699         5768         5838           5629         5699         5769         5839		5613	Γ	T					Г	5683	3							5753							5823	$\perp$	$\mathbb{L}$		
5616         5686         5756         5826           5617         5687         5757         5827           5618         5688         5758         5828           5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5694         5764         5834           5625         5695         5766         5835           5626         5696         5766         5836           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843		5614	Γ							5684	1							5754							5824	$\perp$	L	1	
5617         5688         5757         5827           5618         5688         5758         5828           5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5694         5764         5834           5625         5696         5766         5835           5626         5696         5766         5835           5627         5597         5767         5837           5628         5698         5768         5836           5629         5699         5769         5839           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5633         5704         5774         5841		5615	L						L					_	L								Ш	L		丄	丄	1_	
5618         5688         5758         5828           5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5694         5764         5834           5625         5695         5765         5835           5626         5696         5766         5836           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843			L	$\perp$					L				Ш	ᆫ	L	_	L			_	Щ.			L		_	↓_	1-	
5619         5689         5759         5829           5620         5690         5760         5830           5621         5691         5760         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5694         5764         5834           5625         5696         5766         5836           5626         5696         5766         5836           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5634         5704         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5634         5704         5774         5844			L	$\perp$			L		L		_		Щ	L	<u> </u>	Ш	$\perp$		Ш	4	Ц.,	<u> </u>		L		丄	丄	1	
5620         5690         5760         5830           5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5694         5764         5834           5625         5695         5765         5835           5626         5696         5766         5836           5627         5697         5767         5837           5628         5698         5768         5839           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5634         5704         5774         5841           5635         5708         5773         5842           5633         5703         5773         5843           5634         5704         5774         5844           5635         5705         5775         5845			L	_					L	_	_	┖		_		Ш	L		Ш	4		1_	Ш	┕			丰	┸	
5621         5691         5761         5831           5622         5692         5762         5832           5623         5693         5763         5833           5624         5694         5764         5834           5625         5695         5765         5835           5626         5696         5766         5837           5628         5698         5768         5839           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5634         5704         5771         5841           5635         5704         5772         5842           5633         5703         5773         5843           5634         5704         5774         5843           5635         5705         5775         5843           5636         5706         5776         5843           5637         5707         5777         5844			L	4			L		╽┝			L	Ш	匚	ļ	Ш	<b> </b>		$\sqcup$	4		↓_	Ш	$\vdash$		_	╄-	4-	
5622         5693         5762         5832           5624         5693         5763         5834           5625         5694         5765         5834           5626         5695         5765         5835           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5700         5770         5840           5631         5701         5771         5841         5841           5632         5702         5772         5842         5843           5633         5703         5773         5842         5843           5634         5704         5774         5842         5843           5635         5703         5773         5842         5843           5636         5704         5774         5842         5843           5635         5703         5773         5842         5843           5636         5706         5776         5842         5844           5635         5703         5773         5842         5843           5636         5706         5776         5845         584	Щ		╀	4					۱ إـ			╙	_	<u> </u>	-	Ш	$\vdash$		$\vdash$	-	-	╄	Н	$\vdash$		- -	+	╀	•
5623         5693         5763         5833           5624         5694         5764         5834           5625         5695         5765         5835           5626         5696         5765         5836           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5700         5770         5840           5631         5701         5771         5841         5841           5632         5702         5772         5842         5842           5633         5703         5773         5842         5843           5634         5704         5774         5844         5844           5635         5705         5774         5843         5843           5636         5706         5774         5844         5844           5637         5704         5774         5842         5843           5638         5706         5775         5845         5845           5636         5706         5776         5844         5844           5637         5701         5777         5847         584			Ļ	4		Щ	<u> </u>	L	┞			ļ	_	┡	ļ	Ш	$\vdash$		⊢	+	-	╄	Н	-		+	+	╄	•
5624         5694         5764         5834           5625         5695         5765         5835           5626         5696         5766         5836           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5842           5634         5704         5774         5844           5635         5706         5774         5845           5636         5706         5775         5845           5637         5708         5778         5846           5638         5708         5778         5847           5638         5709         5778         5847           5640         5711         578         5848           5639         5709         5778         5849           5642         5711         578         5850			╀	4			_	L	┞			┡	╙	<u> </u>	┡	Н	$\vdash$		$\vdash$	+	-	╄	Н	-		+	+	+-	
5625         5695         5765         5835           5626         5696         5766         5836           5627         5697         5767         5837           5628         5698         5768         5838           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5634         5704         5774         5844           5635         5705         5775         5845           5636         5706         5775         5845           5637         5707         5777         5847           5638         5708         5778         5848           5639         5709         5779         5847           5640         5710         5780         5850           5641         5711         5781         5850           5642         5712         5782         5852           5643         5714         5784         5851	_		╀	4		Щ	L	_	۱∟			╀	⊢	┡		Ш	$\vdash$			4		+	Н	$\vdash$		+	+	+	•
5626         5696         5766         5836         5836         5837         5838         5838         5838         5838         5838         5838         5839         5839         5839         5839         5839         5839         5839         5839         5839         5839         5839         5839         5840         5841         5841         5841         5841         5841         5841         5841         5841         5841         5842         5842         5842         5843         5843         5843         5843         5843         5843         5844         5844         5844         5844         5844         5844         5844         5844         5844         5845         5846         5846         5846         5846         5848         5858         5848         5858         5848         5859         5859         5859         5859         5859         5859         5859         5859         5859         5859         5859 <td< td=""><td>Щ</td><td></td><td>1</td><td>4</td><td></td><td><u></u></td><td>L</td><td></td><td>╽┝</td><td></td><td></td><td>ļ.,</td><td>Ļ</td><td><del> </del></td><td>⊢</td><td>Ш</td><td>-</td><td></td><td></td><td>-</td><td>+</td><td>-</td><td>Н</td><td>-</td><td></td><td>+</td><td>+-</td><td>╀</td><td>•</td></td<>	Щ		1	4		<u></u>	L		╽┝			ļ.,	Ļ	<del> </del>	⊢	Ш	-			-	+	-	Н	-		+	+-	╀	•
5627         5698         5768         5837           5628         5698         5768         5838           5629         5699         5700         5770         5840           5631         5701         5771         5841         5841           5632         5702         5772         5842         5843           5633         5704         5774         5844         5844           5635         5705         5775         5845         5846           5637         5706         5776         5846         5847           5638         5708         5708         5778         5849           5639         5709         5779         5849         5849           5640         5711         5781         5850         5850           5641         5711         5781         5852         5850           5643         5713         5782         5852         5852           5643         5714         5784         5853         5852           5645         5716         5786         5786         5853           5646         5714         5786         5855         5855           564	Ш		╀	4			<u> </u>	╙	┞			┡	<b> </b>	┡	┡	Щ	$\vdash$			-	+	┿	Н	$\vdash$		+	+	╀	
5628         5698         5768         5838           5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5634         5704         5774         5844           5635         5705         5775         5845           5636         5706         5776         5846           5637         5708         5778         5847           5638         5709         5779         5849           5640         5710         5780         5850           5641         5711         5781         5850           5642         5712         5782         5852           5643         5713         5783         5853           5644         5714         5784         5853           5645         5716         5785         5855           5646         5716         5786         5856           5647         5718         5718         5856	$\vdash$		╀	_		ļ	┡	1	-			╄		-	₩	$\vdash$	$\vdash$		$\vdash \downarrow$	-+	+	+	$\vdash \vdash$	$\vdash$			+	+	
5629         5699         5769         5839           5630         5700         5770         5840           5631         5701         5771         5841           5632         5702         5772         5842           5633         5703         5773         5843           5634         5704         5774         5844           5635         5705         5775         5845           5636         5706         5776         5846           5637         5707         5777         5847           5638         5708         5778         5848           5639         5709         5778         5849           5640         5710         5780         5850           5641         5711         5781         5850           5642         5712         5782         5852           5643         5713         5783         5853           5644         5714         5784         5854           5645         5715         5785         5855           5646         5716         5786         5856           5647         5718         5718         5886	$\vdash$		+	$\dashv$		ļ	⊢	$\vdash$	-			+		<del> </del>	$\vdash$	$\vdash$			┯	-+		+	$\vdash \vdash$	$\vdash$		+	+	+	
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